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Number 40

# The Protection of Stone Fruits, Excluding Cherries, 1979-March 1985

## Citations from Agricola Concerning Diseases and Other Environmental Considerations



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# **The Protection of Stone Fruits, Excluding Cherries, 1979-March 1985**

## **Citations from Agricola Concerning Diseases and Other Environmental Considerations**

Compiled and Edited by  
Charles N. Bebee  
National Agricultural Library

Bibliographies and Literature  
of Agriculture No. 40

United States Department of Agriculture  
National Agricultural Library  
Beltsville, Maryland 20705

and

United States Environmental Protection Agency  
Office of Pesticide Programs  
Washington, D.C. 20460

August 1985



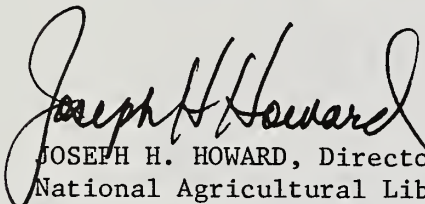
## FOREWORD

This is the sixth volume in a series of commodity-oriented environmental bibliographies resulting from a memorandum of understanding between the United States Department of Agriculture, National Agricultural Library (USDA-NAL), and the Environmental Protection Agency, Office of Pesticide Programs (EPA-OPP).


This close working relationship between the two agencies will produce a series of bibliographies which will be useful to EPA in the regulation of pesticides, as well as to any researcher in the field of plant or commodity protection. The broad scope of information contained in this series will benefit USDA, EPA, and the agricultural community as a whole.

The sources referenced in these bibliographies include the majority of the latest available information from United States publications involving commodity protection throughout the growing and processing stages for each agricultural commodity.

We welcome the opportunity to join this cooperative effort between USDA and EPA in support of the national agricultural community.



JOSEPH H. HOWARD, Director  
National Agricultural Library



STEVEN SCHATZOW, Director  
Office of Pesticide Programs







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## INTRODUCTION

The citations in this bibliography are selected from works by U.S. authors on all aspects of the protection of stone fruits, excluding cherries. All citations are derived from AGRICOLA (AGRICultural OnLine Access), the family of data bases compiled by the National Agricultural Library and its cooperators.

This is the sixth bibliography included in a series of commodity-oriented environmental data bases jointly sponsored by the National Agricultural Library, United States Department of Agriculture (USDA-NAL), and the Office of Pesticides Programs, Environmental Protection Agency (EPA-OPP). Additional volumes issued recently or planned for the immediate future concern protection of corn, soybeans, stone fruits, wheat, grain sorghum, rice, and peanuts.

Entries in the bibliography are subdivided into a series of subject headings used in the table of contents of the Bibliography of Agriculture and in the National Agricultural Library Catalog. Each citation appears under the subject heading assigned to the particular item. A complete author index is also included in the publication.

The Office of Pesticide Programs, EPA, has furnished technical assistance to the compiler through members of a commodity-oriented environmental data team which included:

Charles D. Reese  
H. Irving Brigham  
Bernard Schneider, PhD.  
Richard Petrie

Any comments or questions may be forwarded to the compiler:

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## RESEARCH

0001

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-.  
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32 p. -.

0002

Experiment station work, XXII compiled from the publications of the agricultural experiment stations : losses in manure, apple pomace for cows, macaroni wheats, rations for laying hens, sterilizing greenhouse soils, early molting of hens, tomatoes under glass, evaporation from incubator eggs, protection of peach buds, the keeping quality of butter, dandelions in lawns, curing cheese in cold storage /prepared in the Office of Experiment Stations. -.

Washington, D.C. :\_ U.S. Dept. of Agriculture, \_ 1904. 32 p. : ill. -. Includes bibliographical references.

0003

Redistribution of oxamy] from treated seeds to peach seedlings and soil as determined by high-performance liquid chromatography (Pesticides).

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Phillips, D.J. St. Paul, Minn. : American Phytopathological Society. Plant disease. July 1984. v. 68 (7). p. 610-612. Includes references. (NAL Call No.: 1.9 P69P).

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0007

**Nectarine tree ((variety) 44-G-520) (Clingstone fruit for market and dessert use, good keeping quality, normal resistance to insects and disease, good shipping quality).**  
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0008

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0009

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Bailey, C.H. Hough, L.F. (n.p.), The Office.  
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0010

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0012

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0013

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0014

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Lexington, Ky., Southern Agricultural Economics  
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California during 1981 was the cause of much  
concern. Quarantines were imposed in 11 states.  
Some expressed the opinion that embargos should  
be imposed on California produce. Reactive  
programming was used to analyze the effects of  
an embargo of California peaches. The results  
showed that, even if California peaches were  
embargoed by the remainder of the United  
States, producer revenue outside of California  
would increase by as little as 3-5 percent.  
Consumer prices outside of California would  
increase less than 4 percent, except in markets  
heavily dependent on California production,  
e.g. Denver, where estimated prices would  
increase by 11 percent. A complete embargo  
would result in estimated revenue for  
California producers decreasing by 22 percent  
and estimated prices for California consumers  
decreasing by approximately 20 percent.  
Southern journal of agricultural economics -  
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0016

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0017

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0018

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Bajwa, M.S. Chadha, K.L. New Delhi. Indian journal of horticulture. June 1978. v. 35 (2). p. 91-99. ill. 25 ref. (NAL Call No.: 80 IN2).

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0020

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Bates, R.P. Alcantara, L. Lake Alfred.  
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0021

**Quality and postharvest behavior of once-over harvested clingstone peaches treated with daminozide.**  
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0035

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(PLANT PRODUCTION - HORTICULTURAL CROPS)

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**Peach thinning with surfactants and fertilizers.**  
Byers, R.E. Lyons, C.G. Jr. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 83. Includes references. (NAL Call No.: SB371.N3).

0048

**Propagation and cultivation of Prunus laurocerasus 'Schipkaensi'.**  
Adams, G. Boulder : The Society. Combined proceedings - International Plant Propagators' Society. 1983 (pub. 1984). v. 33. p. 547-550. Includes 1 references.

0049

**Pruning technique affects dieback and Cytospora infection in peach trees (Prunus persica).**  
Wilson, C.L. Miller, S.S.; Otto, B.E.; Eldridge, B.J. Alexandria, Va. : American Society for Horticultural Science. HortScience. Apr 1984. v. 19 (2). p. 251-253. ill. Includes references. (NAL Call No.: SB1.H6).

(PLANT PRODUCTION - HORTICULTURAL CROPS)

0050

**Rootstock influence on growth, yield, and survival of 'Loring' peach trees on an old peach site (Cold injury, bacterial and perennial cankers, nematodes, time of pruning, nutrition, and soil, in the southeastern United States).**

Dozier, W.A. Jr. JOSHB. Carlton, C.C.; Short, K.C.; Snell, J.M.; McGuire, J.A.; Evans, C.E. Alexandria : The Society. Journal of the American Society for Horticultural Science. Mar 1983. v. 108 (2). p. 250-252. Includes references. (NAL Call No.: 81 S012).

0051

**Sprout control of nonbearing peach with NAA (Naphthaleneacetic acid).**

Aldrich, J.H. Arnold, C.E. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1982. v. 17 (3). p. 378-379. 8 ref. (NAL Call No.: SB1.H6).

0052

**Studies on the effect of N P K (nitrogen, phosphorus, potassium) on the growth, yield and quality of Santa Rosa Plum.**

Bajwa, M.S. Chadha, K.L. New Delhi. Indian journal of horticulture. June 1978. v. 35 (2). p. 91-99. ill. 25 ref. (NAL Call No.: 80 IN2).

0053

**Survival, growth, and yield of peach trees as affected by rootstocks (Redhaven and Loring scion cultivars tested in Alabama, Arkansas, Georgia, North Carolina, and South Carolina, resistant to root-knot nematodes, *Meloidogyne* spp., ring nematodes, *Criconemella xenoplax*).**

Dozier, W.A. Jr. Knowles, J.W.; Carlton, C.C.; Rom, R.C.; Arrington, E.H. Alexandria : American Society for Horticultural Science. HortScience. Feb 1984. v. 19 (1). p. 26-30. ill. Includes references. (NAL Call No.: SB1.H6).

0054

**Taste a real plum (Includes varieties, includes insect and fungal diseases).**

Kane, M. Emmaus : Rodale Press. Organic gardening. Feb 1984. v. 31 (2). p. 106-112. ill. (NAL Call No.: 57.8 OR32).



# PLANT BREEDING

0055

**Apricots for New York State (Cultivation and variety performance, pests and diseases).**  
Lamb, R.C. Stiles, W.C. Geneva, N.Y. : New York (State), Agricultural Experiment Station, Geneva. New York's food and life sciences bulletin. 1983. 1983. (100). 4 p. ill. Includes references. (NAL Call No.: S95.E22).

0056

**AU-Roadside, an excellent quality plum for home use and local markets (Varieties, performance, yields, disease resistance).**  
Norton, J.D. Snell, J.M.; Smith, D.A.; Rymal, K.S. Auburn, Ala. : The Station. Circular - Alabama Agricultural Experiment Station. May 1984. May 1984. (271). 10 p. ill. (NAL Call No.: 100 AL1S (2)).

0057

**Cold hardiness of peaches and nectarines following a test winter (in southern Ontario, breeding, cold injury).**  
Layne, R.E.C. University Park : American Pomological Society. Fruit varieties journal. Oct 1982. v. 36 (4). p. 90-98. 10 ref. (NAL Call No.: 80 F9464).

0058

**Description and postharvest physiology of some slow-ripening nectarine genotypes (Resistance to low temperature breakdown, ethylene production).**  
Brecht, J.K. Kader, A.A.; Ramming, D.W. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Sept 1984. v. 109 (5). p. 596-600. ill. Includes 10 references. (NAL Call No.: 81 S012).

0059

**'Durbin' nectarine (New cultivar, resistant to Xanthomonas pruni and Monilinia fructicola).**  
Prince, V.E. Okie, W.R. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1981. v. 16 (3). p. 348. ill. (NAL Call No.: SB1.H6).

0060

**Dwarf peach tree ((variety) 54-P-455) (Freestone fruit, medium shipping and keeping quality, dessert quality, normal resistance to insects and diseases).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. (4317). 2 p. plate. (NAL Call No.: 156.65 P69).

0061

**Field resistance of peach cultivars to gummosis disease (Botryosphaeria dothidea).**  
Daniell, J.W. Chandler, W.A. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1982. v. 17 (3). p. 375-376. 8 ref. (NAL Call No.: SB1.H6).

0062

**'Hargrand' apricot (Varieties, breeding for cold hardiness and disease resistance).**  
Layne, R.E.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 98-100. ill. 3 ref. (NAL Call No.: SB1.H6).

0063

**'Harlayne' apricot (Varieties, breeding for cold hardiness and disease resistance).**  
Layne, R.E.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 97-98. ill. 4 ref. (NAL Call No.: SB1.H6).

0064

**Location of three fruit-related abscission zones in peach (Sites controlling naturally and chemically induced fruit drop).**  
Nelson, J.B. Arnold, C.E.; Aldrich, J.H.; Anderson, L.C. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Sept 1984. v. 109 (5). p. 672-676. ill. Includes 18 references. (NAL Call No.: 81 S012).

0065

**Nectarine tree ((variety) 44-G-520) (Clingstone fruit for market and dessert use, good keeping quality, normal resistance to insects and disease, good shipping quality).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. (4318). 2 p. plate. (NAL Call No.: 156.65 P69).

0066

**Nectarine tree (43-G-587) (Varieties, fruit of a firmness which permits long distance shipping and provides substantial shelf life, normal resistance to insects and diseases).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. July 10, 1979. July 10, 1979. (4435). 2 p. plate. (NAL Call No.: 156.65 P69).

**(PLANT BREEDING)**

0067

**Peach cultivar (Late maturing yellow freestone peach, large round firm fruit, bright red skin color, improved tolerance to common bacterial leaf spot disease).**

Bailey, C.H. Hough, L.F. (n.p.), The Office. Plant patent - United States Patent Office. July 15, 1980. July 15, 1980. (4572). 2 p. plate. (NAL Call No.: 156.65 P69).

0068

**Peach orchard floor management (Soil, weed control, irrigation).**

Rom, R.C. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1978. 1978. (37). p. 29-31. (NAL Call No.: SB371.N3).

0069

**Peach tree (Varieties, freestone fruit, good resistance to insects and disease, market and dessert use, good shipping and keeping quality).**

Merrill, G. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Mar 20, 1979. Mar 20, 1979. (4399). 2 p. plate. (NAL Call No.: 156.65 P69).

0070

**Peach tree (Varieties, freestone fruit, yellow flesh, good resistance to insects and diseases, good shipping and keeping quality, market and dessert use).**

Merrill, G. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Mar 20, 1979. Mar 20, 1979. (4398). 2 p. plate. (NAL Call No.: 156.65 P69).

0071

**Plum tree ((variety) 25-P-40) (Clingstone fruit, use for market, dessert, canning, normal resistance to insects and disease, very good keeping quality, good to medium shipping quality).**

Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4316). 2 p. plate. (NAL Call No.: 156.65 P69).

0072

**Yellow peach tree (Variety name Kurakata Yellow, great amount of fruit with sturdy skin, strong resistance to usual peach diseases, clingstone, flesh is yellow in color and delicate in texture with distinctive good flavor).**

Kurakata, E. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. June 5, 1979. June 5, 1979. (4423). 3 p. plate. (NAL Call No.: 156.65 P69).

0073

**A 10-year evaluation of peach variety susceptibility to Cytospora canker and other diseases with harvest data comparisons (Cytospora leucostoma or Leucostoma personii).**

Luepschen, N.S. Ft. Collins, Colo., The Station. Progress report - Colorado State University Experiment Station. Jan 1981. Jan 1981. (1). 2 p. (NAL Call No.: 100 C71C).

# PLANT STRUCTURE

0074

**Location of three fruit-related abscission zones in peach (Sites controlling naturally and chemically induced fruit drop).**

Nelson, J.B. Arnold, C.E.; Aldrich, J.H.;  
Anderson, L.C. Alexandria, Va. : The Society.  
Journal of the American Society for  
Horticultural Science. Sept 1984. v. 109 (5).  
p. 672-676. ill. Includes 18 references. (NAL  
Call No.: 81 S012).

# PLANT NUTRITION

0075

**Effect of rootstock on survival, yield, and foliar nutrient content of peach trees (Grafted trees, disease syndromes causing premature death).**

Knowles, J.W. Dozier, W.A. Jr. Auburn, Ala. : The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Fall 1983. v. 30 (3). p. 16. ill. (NAL Call No.: 100 AL1H).

0076

**Root cyanogenesis of Prunus species (peach) as affected by respiratory inhibitors and some chemicals.**

Mizutani, F. Sugiura, A. Tokyo, Engei Gakkai. Engei Gakkai zasshi Journal of the Japanese Society for Horticultural Science Engei Gakkai. Mar 1979. v. 47 (4). p. 443-447. ill. 18 ref. (NAL Call No.: 87 H78).

# PLANT PHYSIOLOGY AND BIOCHEMISTRY

0077

**Cold hardiness of peaches and nectarines following a test winter (in southern Ontario, breeding, cold injury).**

Layne, R.E.C. University Park : American Pomological Society. Fruit varieties journal. Oct 1982. v. 36 (4). p. 90-98. 10 ref. (NAL Call No.: 80 F9464).

0078

**Computer-controlled temperature chambers for plant-environment studies (Peach and blueberry chilling requirements, cold hardiness, soil temperature).**

Gilreath, P.R. Rippetoe, L.W.; Buchanan, D.W. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1982. v. 17 (1). p. 39. ill. Includes 2 ref. (NAL Call No.: SB1.H6).

0079

**Description and postharvest physiology of some slow-ripening nectarine genotypes (Resistance to low temperature breakdown, ethylene production).**

Brecht, J.K. Kader, A.A.; Ramming, D.W. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Sept 1984. v. 109 (5). p. 596-600. ill. Includes 10 references. (NAL Call No.: 81 S012).

0080

**The effect of (peach) orchard heaters on air movement and temperature.**

Fox, R.D. OH-AR-NC. Brazee, R.D.; Ferree, D.C. Wooster, Ohio, The Center. Research circular - Ohio Agricultural Research and Development Center. Aug 1980. Aug 1980. (259). p. 20-24. ill. 3 ref. (NAL Call No.: 100 OH3R).

0081

**The effects of ice nucleation-active bacteria on temperatures of ice nucleation and freeze injury of Prunus flower buds at various stages of development (Cold hardiness, supercooling, Pseudomonas syringae).**

Proebsting, E.L. Jr. Andrews, P.K. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. May 1984. v. 109 (3). p. 375-380. ill. Includes references. (NAL Call No.: 81 S012).

0082

**Ethylene and ethane production and electrolyte leakage of water-stressed 'Pixy' plum leaves (Injuries, hardiness).**

Kobayashi, K. Fuchigami, L.H.; Brainerd, K.E. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 57-59. 23 ref. (NAL Call No.: SB1.H6).

0083

**Leaf conductance, growth, and survival of willow and deciduous fruit tree species under flooded soil conditions (Waterlogging tolerance, Quince, apple, peach, and Pyrus species).**

Andersen, P.C. Lombard, P.B.; Westwood, M.N. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Mar 1984. v. 109 (2). p. 132-138. ill. Includes references. (NAL Call No.: 81 S012).

0084

**Physiological dwarfing of peach with mefluidide (Growth regulators, phytotoxicity).**

Arnold, C.E. Aldrich, J.H.; Cornell, J.A. Alexandria, Va., American Society for Horticultural Science. HortScience. Apr 1981. v. 16 (2). p. 170-171. ill. 6 ref. (NAL Call No.: SB1.H6).

0085

**Relationship of deep supercooling and dehydration resistance to freezing injury in dormant stem tissues of "Starkrimson Delicious" apple and "Siberian C" peach.**

Quamme, H.A. Chen, P.M.; Gusta, L.V. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Mar 1982. v. 107 (2). p. 299-304. Includes 16 ref. (NAL Call No.: 81 S012).

# PROTECTION OF PLANTS

0086

**The "A" to "Z" on peach tree short life (Causes, prevention).**  
Savage, E.F. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1978. 1978. (37). p. 31-33. (NAL Call No.: SB371.N3).

0087

**Apricots for New York State (Cultivation and variety performance, pests and diseases).**  
Lamb, R.C. Stiles, W.C. Geneva, N.Y. : New York (State), Agricultural Experiment Station, Geneva. New York's food and life sciences bulletin. 1983. 1983. (100). 4 p. ill. Includes references. (NAL Call No.: S95.E22).

0088

**Biological control (mainly by the fungus *Dactylella oviparasitica*) of root-knot nematodes (*Meloidogyne* spp.) on peach.**  
Stirling, G.R. McKenry, M.V. St. Paul, Minn., American Phytopathological Society. Phytopathology. Aug 1979. Aug 1979. . 69 (8). p. 806-809. ill. 25 ref. (NAL Call No.: 464.8 P56).

0089

**Commercial prune production in British Columbia (Varieties, soil management, pruning, pests, diseases, harvesting).**  
Price, J.B. Victoria, B.C. Publication British Columbia. Dept. of Agriculture. 1978. 1978. (78-5). 19 p. ill. 25 ref. (NAL Call No.: 7 B77P).

0090

**Continuing the battle against 'peach tree short life'.**  
Taylor, J.C. Woodward, R.S. Baton Rouge, The Station. Louisiana agriculture. Louisiana. Agricultural Experiment Station. Fall 1979. v. 23 (1). p. 4-5. ill. (NAL Call No.: 100 L939).

0091

**Control peach diseases with these management tips.**  
McGlohon, N.E. Willoughby, Ohio : Meister Publishing Company. American fruit grower. Mar 1984. v. 104 (3). p. 60, 63. (NAL Call No.: 80 G85).

0092

**Determining T50 of peach flower buds with exotherm analysis (Cold injury, resistance).**  
Proebsting, E.L. Jr. Sakai, A. Alexandria, Va., American Society for Horticultural Science. HortScience. Oct 1979. v. 14 (5). p. 597-598. ill. 1 ref. (NAL Call No.: SB1.H6).

0093

**Dwarf peach tree ((variety) 54-P-455) (Freestone fruit, medium shipping and keeping quality, dessert quality, normal resistance to insects and diseases).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4317). 2 p. plate. (NAL Call No.: 156.65 P69).

0094

**Effects of ethylene diurea and ozone on the growth of tree seedlings (*Fraxinus americana*, *Prunus serotina*, air pollution injuries).**  
McClenahan, J.R. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. Apr 1979. v. 63 (4). p. 320-323. ill. 16 ref. (NAL Call No.: 1.9 P69P).

0095

**Evaluation of hot-water injury to peaches.**  
Phillips, D.J. St. Paul, Minn., American Phytopathological Society. Phytopathology. Sept 1979. v. 69 (9). p. 1042. (NAL Call No.: 464.8 P56).

0096

**Illinois peach orchard nematode survey.**  
Ries, S.M. Noel, G.R. n.p. Transactions Illinois State Horticultural Society. 1978. v. 112. p. 22-24. 10 ref. (NAL Call No.: 81 IL6).

0097

**Influence of chilling on electrolyte leakage and internal conductivity of peach fruits (Low temperature injury).**  
Furmanski, R.J. Buescher, R.W. Mt. Vernon, Va., American Society for Horticultural Science. HortScience. Apr 1979. v. 14 (2). p. 167-168. ill. 13 ref. (NAL Call No.: SB1.H6).

0098

**Integrated pest control (program) cut (peach and apple) grower's cost.**  
Knisley, J. Delhi, Ontario, Cash Crop Farming Publications Limited. Canadian fruitgrower. July 1979. v. 35 (7). p. 19-20. ill. (NAL Call No.: 80 C165).

0099

**Is there a crop doctor in the house?.**  
Brittain, J.A. Gorsuch, C.; Miller, R.W. Washington, D.C. : The Administration. Extension review - United States Department of Agriculture, Science and Education Administration. Fall 1984. v. 55 (4). p. 32-33. ill.

0100

**Managing peach tree short life in South Carolina (Pest Management Program).**  
Gilliam, J.W. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1978. 1978. (37). p. 27-29. (NAL Call No.: SB371.N3).

0101

**Mode of parasitism of Meloidogyne (from peach orchards) and other nematode eggs by (the fungus) Dactylella oviparasitica.**  
Stirling, G.R. Mankau, R. Ames, Iowa, Society of Nematologists. Journal of nematology. July 1979. v. 11 (3). p. 282-288. ill. 13 ref. (NAL Call No.: QL391.N4J62).

0102

**Nectarine tree ((variety) 44-G-520) (Clingstone fruit for market and dessert use, good keeping quality, normal resistance to insects and disease, good shipping quality).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4318). 2 p. plate. (NAL Call No.: 156.65 P69).

0103

**Nectarine tree (43-G-587) (Varieties, fruit of a firmness which permits long distance shipping and provides substantial shelf life, normal resistance to insects and diseases).**  
Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. July 10, 1979. July 10, 1979. (4435). 2 p. plate. (NAL Call No.: 156.65 P69).

0104

**New Harrow peach varieties: tree mortality and disease susceptibility under Colorado conditions (Sunscald, Cytospora canker, Coryneum blight).**  
Luepschen, N.S. Dickens, L.E. Ft. Collins. Progress report Colorado. Experiment Station. May 1977. May 1977. (19). 2 p. ill. (NAL Call No.: 100 C71C).

0105

**A new integrated crop management approach for peach production in the Northeast (USA, pest control).**  
Stouffer, R.F. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 57-59. (NAL Call No.: SB371.N3).

0106

**Peach disease and insect control in North Carolina.**  
Smith, C.F. Clayton, C.N. Raleigh. AGNorth Carolina State University. Agricultural Extension Service. Nov 1978. Nov 1978. (146). 23 p. ill. (NAL Call No.: S544.3.N6N62).

0107

**Peach nursery certification for stronger orchards (Phytosanitation).**  
Fridlund, P.R. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1978. 1978. (37). p. 7-9. (NAL Call No.: SB371.N3).

0108

**Peach tree (Varieties, freestone fruit, good resistance to insects and disease, market and dessert use, good shipping and keeping quality).**  
Merrill, G. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Mar 20, 1979. Mar 20, 1979. (4399). 2 p. plate. (NAL Call No.: 156.65 P69).

0109

**Peach tree (Varieties, freestone fruit, yellow flesh, good resistance to insects and diseases, good shipping and keeping quality, market and dessert use).**  
Merrill, G. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Mar 20, 1979. Mar 20, 1979. (4398). 2 p. plate. (NAL Call No.: 156.65 P69).

## (PROTECTION OF PLANTS)

0110

**Plum tree ((variety) 25-P-40) (Clingstone fruit, use for market, dessert, canning, normal resistance to insects and disease, very good keeping quality, good to medium shipping quality).**

Anderson, F.W. Washington, D.C., The Office. United States patent. Plant - United States Patent and Trademark Office. Oct 17, 1978. Oct 17, 1978. (4316). 2 p. plate. (NAL Call No.: 156.65 P69).

0111

**Propagation and cultivation of Prunus laurocerasus 'Schipkaensi'.**

Adams, G. Boulder : The Society. Combined proceedings - International Plant Propagators' Society. 1983 (pub. 1984). v. 33. p. 547-550. Includes 1 references.

0112

**Relative freezing injury to (cultivars) 'Velvet', 'Redhaven', and 'Siberian C' peaches following controlled freezer tests (for cold hardiness) at selected dates during two winters.**

Cain, D.W. Andersen, R.L. Mount Vernon, Va., The Society. Journal. American Society for Horticultural Science. Nov 1979. v. 104 (6). p. 839-843. ill. 20 ref. (NAL Call No.: 81 S012).

0113

**Response of peach seedlings to calcium concentration in nutrient solution (Deficiency symptoms).**

Edwards, J.H. Horton, B.D. St. Joseph, Mich. Journal. American Society for Horticultural Science. Jan 1979. v. 104 (1). p. 97-99. ill. 11 ref. (NAL Call No.: 81 S012).

0114

**Root cyanogenesis of Prunus species (peach) as affected by respiratory inhibitors and some chemicals.**

Mizutani, F. Sugiura, A. Tokyo, Engei Gakkai. Engei Gakkai zasshi Journal of the Japanese Society for Horticultural Science. Engei Gakkai. Mar 1979. v. 47 (4). p. 443-447. ill. 18 ref. (NAL Call No.: 87 H78).

0115

**Rootstock influence on growth, yield, and survival of 'Loring' peach trees on an old peach site (Cold injury, bacterial and perennial cankers, nematodes, time of pruning, nutrition, and soil, in the southeastern United States).**

Dozier, W.A. Jr. JO SHB. Carlton, C.C.; Short,

K.C.; Snell, J.M.; McGuire, J.A.; Evans, C.E. Alexandria : The Society. Journal of the American Society for Horticultural Science. Mar 1983. v. 108 (2). p. 250-252. Includes references. (NAL Call No.: 81 S012).

0116

**Soil fumigation for nematode control in peach site replanting.**

Wehunt, E.J. n.p. Transactions. Illinois State Horticultural Society. 1978. v. 112. p. 33-36. 20 ref. (NAL Call No.: 81 IL6).

0117

**Stunting of peach seedlings following soil fumigation (with methyl bromide-chloropicrin).** Lambert, D.H. Stouffer, R.F. Mount Vernon, Va. Journal. American Society for Horticultural Science. July 1979. v. 104 (4). p. 433-435. ill. 16 ref. (NAL Call No.: 81 S012).

0118

**Temperature and moisture effects on wood injury of cold-stressed 'Siberian C' and 'Redhaven' peaches.**

Cain, D.W. Andersen, R.L. Mt. Vernon, Va., American Society for Horticultural Science. HortScience. Aug 1979. v. 14 (4). p. 518-519. 16 ref. (NAL Call No.: SB1.H6).

0119

**1980 Missouri commercial peach spray schedule (Pesticides).**

Steiner, P.W. Shaffer, W.H.; Craig, W.S.; Gaus, A.E. Columbia, Mo., The Division. MP - University of Missouri Extension Division. Jan 1980. Jan 1980. (265). 2 p. (NAL Call No.: S81.A2M5).

0120

**1984 Missouri commercial peach spray schedule (Pesticide application, disease and pest control).**

Shaffer, W.H. Palm, E.W.; Craig, W.S.; Gaus, A.E.; Hemphill, D.D.; Moore, J.F.; Townsend, H. Columbia, Mo. : University of Missouri. MP - University of Missouri Extension Division. Jan 1984. Jan 1984. (265). 4 p. (NAL Call No.: S81.A2M5).



# PESTS OF PLANTS - GENERAL AND MISC.

0121

**How our company views pine mouse control (in apple, peach orchard, Pennsylvania).**  
Showalter, H.L. Winchester, Va. : R.E. Byers. Proceedings of the ... Eastern Pine and Meadow Vole Symposium. 1977. (1st). p. 4-5. (NAL Call No.: SB605.U6E3).

0122

**Peach and nectarine spray guide (Fungicides, insecticides, bactericides, acaricides, herbicides).**  
Ritchie, D.F. Sorensen, K.A.; Meyer, J.R.; Skroch, W.A. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Jan 1983. Jan 1983. (146suppl.,rev.). 13 p. (NAL Call No.: S544.3.N6N62).

0123

**Peach diseases and insects in North Carolina (Identification, control).**  
Meyer, J.R. Ritchie, D.F. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Feb 1983. Feb 1983. (146rev.). 16 p. i11. (NAL Call No.: S544.3.N6N62).

0124

**Poor anchorage of deeply planted peach trees (Wind injury followed by excessive soil moisture and pathogenic conditions).**  
Lyons, C.G. Jr. Yoder, K.S. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 49-51. 4 ref. (NAL Call No.: SB1.H6).

# PESTS OF PLANTS -INSECTS

0125

**Absence of genetic variability in the green peach aphid, *Myzus persicae* (Hemiptera: Aphididae).**  
May, B. Holbrook, F.R. College Park, Md. Annals Entomological Society of America. Nov 1978. v. 71 (6). p. 809-812. ill. 26 ref. (NAL Call No.: 420 EN82).

0126

**Adult and larval population fluctuation of *Anastrepha fraterculus* and its relationship to host availability (Guava, peach and loquat).**  
Malavasi, A. Morgante, J.S. College Park, Md., Entomological Society of America. Environmental entomology. June 1981. v. 10 (3). p. 275-278. ill. 9 ref. (NAL Call No.: QL461.E532).

0127

**Ambrosia beetles: a potential pest of peaches (in the United States).**  
Gorsuch, C.S. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1984. 1984. (43rd). p. 1-3. (NAL Call No.: SB371.N3).

0128

**Analysis of stress sounds produced by the plum curculio, *Conotrachelus nenuphar* (Herbst) (Coleoptera: Curculionidae).**  
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**Response of natural enemies to the green peach aphid (*Myzus persicae*) in different plant cultures (Biological control).**  
Tamaki, G. Annis, B.; Weiss, M. College Park, Md., Entomological Society of America.  
Environmental entomology. June 1981. v. 10 (3). p. 375-378. 11 ref. (NAL Call No.: QL461.E532).

0209

**Role of wild host plants in the feeding, oviposition, and dispersal of *Scaphytopius acutus* (Homoptera: Cicadellidae), a vector of peach X-disease.**  
McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. June 15, 1980. v. 9 (3). p. 283-292. ill. 19 ref. (NAL Call No.: QL461.E532).

0210

**Role of wild host plants in the feeding, oviposition, and dispersal of *Scaphytopius acutus* (Homoptera: Cicadellidae), a vector of peach X-disease.**  
McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. Apr 15, 1980. v. 9 (2). p. 265-274. ill. Bibliography p. 273-274. (NAL Call No.: QL461.E532).

0211

**Seasonal distribution of *Synanthedon exitiosa* in the Georgia peach belt monitored by pheromone trapping.**  
Yonce, C.E. Pate, R.R. College Park, Md., Entomological Society of America. Environmental entomology. Feb 15, 1979. v. 8 (1). p. 32-33. ill. 6 ref. (NAL Call No.: QL461.E532).

0212

**Seasonal history of the white peach scale, *Pseudaulacaspis pentagona* (Targ.-Tozz.) (Homoptera, Diaspididae), in Northeastern Pennsylvania.**  
Stimmel, J.F. Washington, D.C., The Society. Proceedings - Entomological Society of Washington. Jan 1982. v. 84 (1). p. 128-133. ill. 1 p. ref. (NAL Call No.: 420 W27).

0213

**Seasonal occurrence of male Sesiidae in north central Florida determined with pheromone trapping methods (*Synanthedon pictipes* and *Synanthedon exitiosa*, pests of peach and nectarine orchards).**  
Sharp, J.L. McLaughlin, J.R. Gainesville, Florida Entomological Society. Florida entomologist. Dec 1978. v. 61 (4). p. 245-250. ill. 11 ref. (NAL Call No.: 420 F662).

0214

**Seasonal occurrence of wild secondary hosts of the green peach aphid, *Myzus persicae* (Sulzer), in agricultural systems in the Yakima Valley (Washington).**  
Annis, B. Tamaki, G.; Berry, R.E. College Park, Md., Entomological Society of America. Environmental entomology. June 1981. v. 10 (3). p. 307-312. 10 ref. (NAL Call No.: QL461.E532).

0215

**Seasonal patterns of activity of adult leafhopper vectors (*Homalodisca*, *Oncometopia*, *Graphocephala*, *Cuerna*) of phony peach disease (caused by a rickettsia-like bacterium) in north Florida.**  
Ball, J.C. College Park, Md., Entomological Society of America. Environmental entomology. Aug 1979. v. 8 (4). p. 686-689. ill. 8 ref. (NAL Call No.: QL461.E532).

0216

**Simultaneous electron capture detection of chlorpyrifos and 3,5,6-Trichloro-2-pyridinol residues in peach and bahia grass (*Taspalum notatum*) field samples following gel permeation cleanup (Insecticide residues).**  
Guinivan, R.A. Thompson, N.P.; Bardalaye, P.C. Arlington, Va., The Association. Journal of the Association of Official Analytical Chemists. Mar 1982. v. 65 (2). p. 210-214. ill. Includes 8 ref. (NAL Call No.: 381 AS7).

0217

**Spraying peaches (Disease and insect control).**  
Jones, B. Johnson, D.R.; Mason, C.L.; McDaniel, M.C. Little Rock, Ark. : The Service. Leaflet EL - Arkansas University, Cooperative Extension Service. Feb 1984. Feb 1984. (227,rev.). 11 p. (NAL Call No.: 275.29 AR4LE).

(PESTS OF PLANTS - INSECTS)

0218

**Spraying peaches (in orchards, diseases, insects, Arkansas).**

Jones, B.F. Mason, C.L.; McDaniel, M.C. Little Rock, Ark., The Service. EL - Cooperative Extension Service, University of Arkansas. Aug 1981. Aug 1981. (227). 12 p. (NAL Call No.: 275.29 AR4LE).

0219

**A survey of male flight of the false codling moth, *Cryptophlebia leucotreta* Meyr., by the use of the synthetic sex pheromone (Citrus orchards, peach orchards, home gardens).**

Daiber, C.C. Pretoria. Phytophylactica. June 1978. v. 10 (2). p. 65-72. ill. 11 ref. (NAL Call No.: SB599.L35).

0220

**Surveys of leafhoppers (Homoptera: Cicadellidae) and pear psylla (Homoptera: Psyllidae) in pear and peach orchards and the spread of peach yellow leaf roll disease.**

JEENAI. Purcell, A.H. Suslow, K.G. College Park, Md. : Entomological Society of America. Journal of economic entomology. Dec 1984. v. 77 (6). p. 1489-1494. Includes references.

0221

**Taste a real plum (Includes varieties, includes insect and fungal diseases).**

Kane, M. Emmaus : Rodale Press. Organic gardening. Feb 1984. v. 31 (2). p. 106-112. ill. (NAL Call No.: 57.8 DR32).

0222

**Toxicity of insecticides to the green peach aphid (Homoptera: Aphididae) in laboratory and field tests, 1971-1982 (*Myzus persicae*).**

McClanahan, R.J. JEENA. Founk, J. College Park Entomological Society of America. Journal of economic entomology. Aug 1983. v. 76 (4). p. 899-905. Includes references. (NAL Call No.: 421 J822).

0223

**Toxicity of phosmet, azinphosmethyl, and permethrin to the oriental fruit moth (*Grapholitha molesta*) and its parasite, *Macrocentrus ancylivorus* (pests of peaches, biological control).**

Pree, D.J. College Park, Md., Entomological Society of America. Environmental entomology. Oct 1979. v. 8 (5). p. 969-972. ill. 7 ref. (NAL Call No.: QL461.E532).

0224

**Toxicity of some insecticides to eggs of the oriental fruit moth (*Grapholitha molesta*) and codling moth (on peaches and apples).**

Pree, D.J. Hagley, E.A.C. Guelph. Proceedings Entomological Society of Ontario. 1977 (pub. 1978). v. 108. p. 69-74. ill. 6 ref. (NAL Call No.: 420 DN8).

0225

**Transmission of cauliflower mosaic virus by the green peach, turnip, cabbage, and pea aphids (*Myzus persicae*, *Hyadaphis erysimi*, *Brevicoryne brassicae*, *Acyrtosiphon pisum*).**

Namba, R. Sylvester, E.S. College Park, Md., Entomological Society of America. Journal of economic entomology. Oct 1981. v. 74 (5). p. 546-551. 17 ref. (NAL Call No.: 421 J822).

0226

**Transmission of X-disease (peach yellow leafroll) agent by the leafhoppers *Scaphytopius nitridus* and *Acinopterus angulatus* (Peaches, celery).**

Purcell, A.H. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. July 1979. v. 63 (7). p. 549-552. ill. 11 ref. (NAL Call No.: 1.9 P69P).

0227

**Update on peach insect control (Arkansas).**

Mayes, R.L. Johnson, D.T. Fort Smith, Ark., The Society. Proceedings ... annual meeting - Arkansas State Horticultural Society. 1980. (101st). p. 48-51. (NAL Call No.: 81 AR4P).

0228

**Using temperature-mediated functional response models to predict the impact of *Coleomegilla maculata* (DeGeer) adults and 3rd-instar larvae on green peach aphids (*Myzus persicae*).**

Mack, T.P. Smilowitz, Z. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 46-52. ill. Includes 20 ref. (NAL Call No.: QL461.E532).

0229

**Vectors of phony peach (Virus disease transmitted by leafhoppers).**

Yonce, C.E. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1979. (38th). p. 79-84. ill., map. (NAL Call No.: SB371.N3).

0230

The vertical distribution of green peach aphids (*Myzus persicae*) and its effect on a model quantifying the relationship between green peach aphids and a predator (*Coleomegilla maculata*, biological control).

Mack, T.P. Smilowitz, Z. Orono, Me., Potato Association of America. American potato journal. July 1981. v. 58 (7). p. 345-353. 14 ref. (NAL Call No.: 75.8 P842).

0231

Weed species hosting viruliferous green peach aphids, vector of beet western yellows virus (*Myzus persicae*, Washington).

Tamaki, G. Fox, L. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 115-117. Includes 11 ref. (NAL Call No.: QL461.E532).

0232

1979 Missouri commercial peach spray schedule / P. W. Steiner ... (et al.).

Steiner, P. W. Columbia University of Missouri-Columbia, Extension Division 1979. 1 sheet : ill. ; 44 x 28 cm. fold. to 22 x 28 cm. (NAL Call No.: S608.P3N5).

0233

1982--year of the aphid (*Aphis pomi*, *Myzus persicae*, on apple, pear, peach and nectarine).

Brunner, J.F.PWHAA. Hoyt, S.C.; Carroll, D.P. Wenatchee : The Association. Proceedings - Washington State Horticultural Association. 1982. 1982. (78th). p. 143-148. ill. (NAL Call No.: 81 W273).

# PESTS OF PLANTS - NEMATODES

0234

**Association of *Macroposthonia xenoplax* and *Scutellonema brachyurum* with the peach tree short life syndrome (in South Carolina).**  
Nesmith, W.C. Zehr, E.I.; Dowler, W.M. Ames, Iowa, Society of Nematologists. *Journal of nematology*. Apr 1981. v. 13 (2). p. 220-225. ill. 19 ref. (NAL Call No.: QL391.N4J62).

0235

**Breeding peach rootstocks resistant to root-knot nematodes (*Meloidogyne*).**  
Sherman, W.B. Lyrene, P.M.; Hansche, P.E. Alexandria, Va., American Society for Horticultural Science. *HortScience*. Aug 1981. v. 16 (4). p. 523-524. 5 ref. (NAL Call No.: SB1.H6).

0236

**Control of *Criconemella xenoplax* and *Meloidogyne incognita* and improved peach tree survival following multiple fall applications of fenamiphos (*Prunus persica*, North Carolina).**  
Ritchie, D.F. St. Paul, Minn. : American Phytopathological Society. *Plant disease*. June 1984. v. 68 (6). p. 477-480. Includes references. (NAL Call No.: 1.9 P69P).

0237

**Control of plant parasitic nematodes on established tree and vine crops with Telone II soil fumigant (Oranges, peaches, grapes).**  
Youngson, C.R. Turner, G.O.; O'Melia, F.C. Midland, Mich., Agricultural Products Dept., Dow Chemical Co. Down to earth. 1980. v. 3 (4). p. 6-10. ill. 8 ref. (NAL Call No.: 381 D75).

0238

**Control of plant parasitic nematodes on established tree and vine crops with Telone II soil fumigant (Grapes, oranges, peaches).**  
Youngson, C.R. Turner, G.O.; O'Melia, F.C. Midland, Mich., Agricultural Products Dept., Dow Chemical Co. Down to earth. Sept 1981. v. 37 (3). p. 6-10. ill. Includes 8 ref. (NAL Call No.: 381 D75).

0239

**Control of *Xiphinema americanum* at different soil depths by contact nematicides, 1979 (Peach (*Prunus persica* 'Red Haven'), dagger nematode; *Xiphinema americanum*).**  
Miller, P.M. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 216. (NAL Call No.: 464.9 AM31R).

0240

**DBCP-problems and future alternatives (Nematocide, peach tree short life, South Carolina).**  
Miller, R.W. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 79-82. (NAL Call No.: SB371.N3).

0241

**Decline of apple, prune, and peach trees caused by a nematode-transmitted virus.**  
Rosenberger, D.A. NYHSA. Gonsalves, D.; Cummins, J.N. (S.l.) : The Society. Proceedings of the ... annual meeting - New York State Horticultural Society. 1983. v. 128. p. 81-85. Includes references. (NAL Call No.: 81 N484).

0242

**Detection of tomato ringspot virus in peach orchards (*Prunus* stem pitting, *Xiphinema americanum* and *Xiphinema rivesi* as agents of transmission, broadleaf weeds as virus reservoirs, dagger nematodes, enzyme-linked immunosorbent assay).**  
Barrat, J.G. Scorza, R.; Otto, B.E. St. Paul, Minn. : American Phytopathological Society. *Plant disease*. Mar 1984. v. 68 (3). p. 198-200. Includes references. (NAL Call No.: 1.9 P69P).

0243

**Differential transmission of *Prunus* tomato ringspot virus strains by *Xiphinema californicum*.**  
Hoy, J.W. Mircetich, S.M.; Lownsbery, B.F. St. Paul : American Phytopathological Society. *Phytopathology*. Mar 1984. v. 74 (3). p. 332-335. ill. Includes references. (NAL Call No.: 464.8 P56).

0244

**Effect of planting site preparation, hydrated lime, and DBCP (1,2-dibromo-3-chloropropane) on populations of *Macroposthonia xenoplax* and peach tree short life in Georgia.**  
Wehunt, E.J. JONEB. Weaver, D.J. Ames : Society of Nematologists. *Journal of nematology*. Oct 1982. v. 14 (4). p. 567-571. Includes references. (NAL Call No.: QL391.N4J62).

0245

**Effect of post-plant nematicides and trickle irrigation on newly planted peach trees (soil fumigation).**  
Funt, R.C. Krusberg, L.R.; Ross, D.S.; Goulart, B.L. Alexandria, The Society. *Journal of the American Society for Horticultural Science*. Sept 1982. v. 107 (5). p. 891-895. 9 ref. (NAL

Call No.: 81 S012).

0246

**Effect of the ring nematode upon growth and physiology of peach rootstocks under greenhouse conditions.**

PHYTAJ. Okie, W.R. Reilly, C.C. St. Paul, Minn. : American Phytopathological Society. Plant disease. Nov 1984. v. 74 (11). p. 1304-1307. Includes 28 references.

0247

**Effectiveness of certain nematicides for control of *Macroposthonia xenoplax* and short life of peach trees.**

Zehr, E.I. Lewis, S.A.; Gambrell, C.E. St. Paul, Minn., American Phytopathological Society. Plant disease. Mar 1982. v. 66 c (3). p. 225-228. Includes 19 ref. (NAL Call No.: 1.9 P69P).

0248

**Effects of certain solutes, osmotic potential, and soil solutions on parasitism of *Criconebella xenoplax* by *Hirsutella rhossiliensis* (Nematodes, Fungi, isolation from peach orchard soils).**

Jaffee, B.A. PHYTA. Zehr, E.I. St. Paul : American Phytopathological Society. Phytopathology. Apr 1983. v. 73 (4). p. 544-546. Includes references. (NAL Call No.: 464.8 P56).

0249

**The effects of drip irrigation and soil fumigation (to control *Macroposthonia xenoplax*) on 'Redglobe' peach yields and growth.**

Horton, B.D. Wehunt, E.J.; Edwards, J.H.; Bruce, R.R.; Chesnee, J.L. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. July 1981. v. 106 (4). p. 438-443. 18 ref. (NAL Call No.: 81 S012).

0250

**Effects of nematicides, lime, and herbicide on peach tree short life in Georgia (*Macroposthonia xenoplax*, nematodes).**

Wehunt, E.J. AR-SD. Horton, B.D.; Prince, V.E. Ames, Iowa, Society of Nematologists. Journal of nematology. July 1980. v. 12 (3). p. 183-189. 25 ref. (NAL Call No.: QL391.N4J62).

0251

**Incidence of *Fusarium* and *Pythium* spp. in peach feeder roots as related to dibromochloropropane application for control of *Criconebella xenoplax* (South Carolina).**

Nyczepir, A.P. Lewis, S.A. St. Paul, Minn. : American Phytopathological Society. Plant disease. June 1984. v. 68 (6). p. 497-499. Includes references. (NAL Call No.: 1.9 P69P).

0252

**Influence of preplant soil fumigants on growth and survival of Delicious apple trees planted on a peach tree short life site (Nematoda, Fungi, Georgia).**

Miller, S.S. GARBB. Athens : The Stations. Research bulletin - University of Georgia, Experiment Stations. Apr 1982. Apr 1982. (274). 7 p. 12 ref. (NAL Call No.: S51.E2).

0253

**Interactions of vesicular-arbuscular mycorrhizal fungi, *Meloidogyne incognita*, and soil fertility on peach (Nematodes, *Prunus persica*, inoculation with *Gigaspora margarita* and *Glomus etunicatus*).**

Strobel, N.E. Hussey, R.S.; Roncadori, R.W. St. Paul, American Phytopathological Society. Phytopathology. June 1982. v. 72 (6). p. 690-694. ill. 20 ref. (NAL Call No.: 464.8 P56).

0254

**Multiple fall applications of postplant nematicides for control of root-knot and ring nematodes on peach, 1981 (Peach (*Prunus persica* 'Lovell'), root-knot nematode; *Meloidogyne* spp., ring nematode; *Macroposthonia* spp.). Ritchie, D.F. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 194-195. (NAL Call No.: 464.9 AM31R).**

0255

**Nematode control studies with peaches.**

Springer, J.K. Martinsburg, W. Va., West Virginia Horticultural Society. The Mountaineer grower. May 1980. May 1980. (409). p. 14, 16, 18. (NAL Call No.: 80 M86).

0256

**Parasitism of the nematode *Criconebella xenoplax* by the fungus *Hirsutella rhossiliensis* (Pest of peach trees, *Prunus persica*, biological control).**

Jaffee, B.A. PHYTA. Zehr, E.I. St. Paul : American Phytopathological Society. Phytopathology. Oct 1982. v. 72 (10). p.

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1378-1381. ill. 4 ref. (NAL Call No.: 464.8 P56).

0257

### **Peach diseases.**

Sharvelle, Eric G. Scott, Donald H. & An aid to identification and control. Document available from: Purdue University, Publication Mailing Room, 301 South Second Street, Lafayette, Indiana 47905 1969. Lists peach diseases and how to identify them. 1 sheet : ill. (NAL Call No.: Document available from source.). (NAL Call No.: BP-3-12).

0258

### **Peach nematodes and their control (in Georgia, *Meloidogyne* sp.).**

Bertrand, P.F. Athens, Ga., The Service. Leaflet - Cooperative Extension Service, University of Georgia. Sept 1981. Sept 1981. (347). 4 p. ill. (NAL Call No.: 275.29 G29L).

0259

### **Peach tree borers.**

Roselle, Robert E. Document available from: University of Nebraska-Lincoln, Dept. of Agricultural Communications, Lincoln, Nebraska 68583 1979. Explores the injury and control methods for peach tree borer. 1 sheet : ill. (NAL Call No.: Document available from source.). (NAL Call No.: G 73-29).

0260

### **Postplant nematicides for control of ring nematodes and cold injury in peach, 1979 (Peach (*Prunus persica* 'Blake'), ring nematode; *Macroposthonia xenoplax*).**

Zehr, E.I. Lewis, S.A. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 216. (NAL Call No.: 464.9 AM31R).

0261

### **Postplant nematicides for control of root-knot nematodes on peach, 1981 (Peach (*Prunus persica* 'Starlite'), root-knot nematode; *Meloidogyne* spp.).**

Ritchie, D.F. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 194. (NAL Call No.: 464.9 AM31R).

0262

Survival, growth, and yield of peach trees as affected by rootstocks (Redhaven and Loring scion cultivars tested in Alabama, Arkansas, Georgia, North Carolina, and South Carolina, resistant to root-knot nematodes, *Meloidogyne* spp., ring nematodes, *Criconebella xenoplax*). Dozier, W.A. Jr. Knowles, J.W.; Carlton, C.C.; Rom, R.C.; Arrington, E.H. Alexandria : American Society for Horticultural Science. HortScience. Feb 1984. v. 19 (1). p. 26-30. ill. Includes references. (NAL Call No.: SB1.H6).

0263

### **Third year response of Bearing Loring peaches to nematode control with fenamiphos.**

Adams, R.E. Martinsburg, W. Va., West Virginia Horticultural Society. The Mountaineer grower. Feb 1981. Feb 1981. (418). p. 10, 12. (NAL Call No.: 80 M86).

# PLANT DISEASES - GENERAL

0264

**AU-Roadside, an excellent quality plum for home use and local markets (Varieties, performance, yields, disease resistance).**

Norton, J.D. Snell, J.M.; Smith, D.A.; Rymal, K.S. Auburn, Ala. : The Station. Circular - Alabama Agricultural Experiment Station. May 1984. May 1984. (271). 10 p. ill. (NAL Call No.: 100 AL1S (2)).

0265

**Effect of ring and pin nematodes on the development of bacterial canker and cytospora canker in young French prune trees (*Pseudomonas syringae*, *Cytospora leucostoma*, *Macroposthonia xenoplax*, *Paratylenchus neoamblycephalus*).**

English, H. Lownsbery, B.F.; Schick, F.J.; Burlando, T. St. Paul, Minn., American Phytopathological Society. Plant disease. Feb 1982. v. 66 (2). p. 114-116. Includes 14 ref. (NAL Call No.: 1.9 P69P).

0266

**Effect of rootstock on survival, yield, and foliar nutrient content of peach trees (Grafted trees, disease syndromes causing premature death).**

Knowles, J.W. Dozier, W.A. Jr. Auburn, Ala. : The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Fall 1983. v. 30 (3). p. 16. ill. (NAL Call No.: 100 AL1H).

0267

**Guide to field diseases on peaches, nectarines and plums (Fungal, bacterial, virus diseases).**

Moller, W.J. CA. Ogawa, J.M.; Nyland, G. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. July 1980. July 1980. (2822). 6 p. ill. (NAL Call No.: S544.3.C2C3).

0268

**'Hargrand' apricot (Varieties, breeding for cold hardiness and disease resistance).**

Layne, R.E.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 98-100. ill. 3 ref. (NAL Call No.: SB1.H6).

0269

**'Harlayne' apricot (Varieties, breeding for cold hardiness and disease resistance).**

Layne, R.E.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 97-98. ill. 4 ref. (NAL Call No.: SB1.H6).

0270

**Homeowner peach & plum insect and disease control.**

Brook, T.S. Haygood, R.A. State College : The Service. Publication - Cooperative Extension Service, Mississippi State University. Sept 1983. Sept 1983. (568). 2 p. ill. (NAL Call No.: 275.29 M68EXT).

0271

**Influence of preplant soil fumigants on growth and survival of Delicious apple trees planted on a peach tree short life site (Nematoda, Fungi, Georgia).**

Miller, S.S.GARBB. Athens : The Stations. Research bulletin - University of Georgia, Experiment Stations. Apr 1982. Apr 1982. (274). 7 p. 12 ref. (NAL Call No.: S51.E2).

0272

**Management practices that are controlling peach diseases.**

McGlohon, N.E. St. Paul, Minn., American Phytopathological Society. Plant disease. Jan 1982. v. 66 (1). p. 7. ill. (NAL Call No.: 1.9 P69P).

0273

**Peach and nectarine spray guide (Fungicides, insecticides, bactericides, acaricides, herbicides).**

Ritchie, D.F. Sorensen, K.A.; Meyer, J.R.; Skroch, W.A. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Jan 1983. Jan 1983. (146suppl.,rev.). 13 p. (NAL Call No.: S544.3.N6N62).

0274

**Peach diseases and insects in North Carolina (Identification, control).**

Meyer, J.R. Ritchie, D.F. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Feb 1983. Feb 1983. (146rev.). 16 p. ill. (NAL Call No.: S544.3.N6N62).

0275

**Peach tree short life: a complex of interacting factors (Freeze injury, *Pseudomonas syringae*).**

Ritchie, D.F. Clayton, C.N. St. Paul, Minn., American Phytopathological Society. Plant disease. June 1981. v. 65 (6). p. 462-469. 111. 17 ref. (NAL Call No.: 1.9 P69P).

**( PLANT DISEASES - GENERAL )**

**0276**

**Spraying peaches (Disease and insect control).**  
Jones, B. Johnson, D.R.; Mason, C.L.; McDaniel,  
M.C. Little Rock, Ark. : The Service. Leaflet  
EL - Arkansas University, Cooperative Extension  
Service. Feb 1984. Feb 1984. (227,rev.). 11 p.  
(NAL Call No.: 275.29 AR4LE).

**0277**

**What's new in peach disease control.**  
Wilson, C.L. Martinsburg, W. Va. : The Council.  
Proceedings ... annual convention - National  
Peach Council. 1983. 1983. (42nd). p. 85-88.  
Includes references. (NAL Call No.: SB371.N3).

**0278**

**Yellow peach tree (Variety name Kurakata  
Yellow, great amount of fruit with sturdy skin,  
strong resistance to usual peach diseases,  
clingstone, flesh is yellow in color and  
delicate in texture with distinctive good  
flavor).**  
Kurakata, E. Washington, D.C., The Office.  
United States patent. Plant - United States  
Patent and Trademark Office. June 5, 1979. June  
5, 1979. (4423). 3 p. plate. (NAL Call No.:  
156.65 P69).



# PLANT DISEASES - FUNGAL

0279

**Benomyl-resistant *Monilinia fructicola* not detected in peach and nectarine orchards in Florida (Fungicides).**  
Sonoda, R.M.P.FSHA. French, W.J. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 130-132. Includes references. (NAL Call No.: 81 F66).

0280

**Bioassay of two formulations of triforine for control and inhibition of or immediate eradication after infection of brown and *Rhizopus* rot on peach and nectarine, 1979 (Peach (*Prunus persica*, 'Elberta'), nectarine (*Prunus persica* var. *nectarina*, 'Red Gold'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).**  
Drake, C.R. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 36. (NAL Call No.: 464.9 AM31R).

0281

**Black-knot of plums / Purdue University.**  
Document available from: Purdue University, Publication Mailing Room, 301 South Second Street, Lafayette, Indiana 47905 1977. Examines plum black-knot appearance, cause and control. 1 sheet : ill. (NAL Call No.: Document available from source.). (NAL Call No.: BP-3-4).

0282

**Brown and *Rhizopus* rot control on peach, 1979 (Peach (*Prunus persica*, 'Crest Haven', 'Elberta', 'Jefferson', 'Glo Haven', and 'Madison'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).**  
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0283

**Brown rot and *Rhizopus* rot control in peach, 1982 (*Monilinia fructicola*, *Prunus persica*).**  
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0284

**Brown rot and *Rhizopus* rot control on peaches, 1981 (Peach (*Prunus persica* 'Winblo'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* spp.).**  
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0285

**Brown rot control by postharvest treatments on Red Gold nectarines, 1979 (Nectarine (*Prunus persica* var. *nectarina*, 'Red Gold'), brown rot; *Monilinia fructicola*).**  
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0286

**Brown rot control on nectarines, 1980 (Nectarine (*Prunus persica* var. *nectarina*, 'Hardired'), brown rot; *Monilinia fructicola*).**  
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0287

**Brown rot control on peach, 1980 (Peach (*Prunus persica* 'Redhaven', 'Kalhaven', 'Suncrest', 'Sweethaven', 'Jayhaven'), brown rot; *Monilinia fructicola*).**  
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0288

**Brown rot control on peaches, 1982 (*Monilinia fructicola*, *Prunus persica*).**  
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0289

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**Changes in conidia of *Monilinia fructicola* in response to incubation temperature (Brown rot of peaches, *Prunus persica*, infectivity).**  
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0292

**Cold predisposition of dormant peach twigs to nodal cankers caused by *Leucostoma* spp. (*Leucocytophora cincta*, *Leucocytophora leucostoma*).**  
Dhanvantari, B.N. St. Paul, American Phytopathological Society. Phytopathology. Dec 1978. v. 68 (12). p. 1779-1783. ill. 22 ref. (NAL Call No.: 464.8 P56).

0293

**Comparison of ergosterol-inhibiting fungicides for control of brown rot on peaches, 1981 (Peach (*Prunus persica* 'Redhaven' and 'Loring'), brown rot; *Monilinia fructicola*).**  
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0294

**Concentrate sprays of chlorothalonil and captan for control of fruit diseases of peach, 1979 (Peach (*Prunus persica*, 'Loring'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus* rot; *Rhizopus* sp.).**  
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results - American Phytopathological Society. 1980. v. 35. p. 39. (NAL Call No.: 464.9 AM31R).

0295

**Control of brown rot on prunes, 1979 (Prune (*Prunus domestica*, 'Staley'), brown rot; *Monilinia fructicola*).**  
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0296

**Control of brown rot, scab, and *Rhizopus* rot on peach, 1980 (Peach (*Prunus persica* 'Pekin', 'Winblo'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus* rot; *Rhizopus* spp.).**  
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0297

**Control of fruit brown rot and scab, 1979 (Peach (*Prunus persica*, 'Pekin' and 'Winblo'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*).**  
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0298

**Control of fruit scab on nectarines using either 1- or 2-week old cover spray intervals, 1979 (Nectarine (*Prunus persica* var. nectarina), scab; *Cladosporium carpophilum*).**  
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0299

**Control of peach brown rot blossom blight with full bloom after-infection spray, 1979 (Peach (*Prunus persica*, 'Madison'), brown rot; *Monilinia fructicola*).**  
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0300

Control of peach diseases in an orchard having benomyl-resistant scab, 1981 (Peach (*Prunus persica* 'Loring'), scab; *Cladosporium carpophilum*, brown rot; *Monilinia fructicola*). Chandler, W.A. (s.l.), The Society. Fungicide and nematocidal tests; results - American Phytopathological Society. 1982. v. 37. p. 33. (NAL Call No.: 464.9 AM31R).

0301

Control of postharvest brown rot infections, 1979 (Peach (*Prunus persica*, 'J.H. Hale'), brown rot; *Sclerotinia fructicola*). Koffmann, W. Roberts, E. (s.l.), The Society. Fungicide and nematocidal tests; results - American Phytopathological Society. 1980. v. 35. p. 37. (NAL Call No.: 464.9 AM31R).

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Criteria for determining peach variety susceptibility to cytospora canker (*Cytospora leucostoma*). Luepschen, N.S. University Park, Pa., American Pomological Society. Fruit varieties journal. Oct 1981. v. 35 (4). p. 137-140. 15 ref. (NAL Call No.: 80 F9464).

0303

*Cytospora* (leucostoma) canker of peach trees in Colorado: survey of incidence, canker location and apparent infection courts. Luepschen, N.S. Hetherington, J.E. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. Aug 1979. v. 63 (8). p. 685-687. ill. 4 ref. (NAL Call No.: 1.9 P69P).

0304

Detection and characterization of benomyl-resistant *Monilinia laxa* on apricots (Causes of decayed fruit and blighted twigs, benzimidazole fungicides, California). Ogawa, J.M. Manji, B.T.; Bostock, R.M.; Canez, V.M.; Bose, E.A. St. Paul, American Phytopathological Society. Plant disease. Jan 1984. v. 68 (1). p. 29-31. ill. Includes references. (NAL Call No.: 1.9 P69P).

0305

Dip life of Rovral, 1980 (Peach (*Prunus persica* 'J. H. Hale'), brown rot; *Sclerotinia fructicola*). Koffman, W. Roberts, E. (s.l.), The Society. Fungicide and nematocidal tests; results - American Phytopathological Society. 1981. v. 36. p. 34. (NAL Call No.: 464.9 AM31R).

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0307

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0308

Effect of black knot incidence on yield of Stanley prune trees and economic benefits of fungicide protection. PLDRA. Rosenberger, D.A. Gerling, W.D. St. Paul, Minn. : American Phytopathological Society. Plant disease. Dec 1984. v. 68 (12). p. 1060-1064. Includes 12 references.

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Effect of soil solarization on populations of selected soilborne microorganisms and growth of deciduous fruit tree seedlings (English walnut (*Juglans regia*), peach (*Prunus persica*) as indicator crops, soil bacteria and fungi). Stapleton, J.J. DeVay, J.E. St. Paul, Minn., American Phytopathological Society. Phytopathology. Mar 1982. v. 72 (3). p. 323-326. Includes 22 ref. (NAL Call No.: 464.8 P56).

0310

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0311

Effect of temperature on *Monilinia fructicola* conidia produced on fresh stone fruits (Spore size and rate of germination, microclimate, brown rot, peaches, nectarines, California). Phillips, D.J. St. Paul, Minn. : American Phytopathological Society. Plant disease. July 1984. v. 68 (7). p. 610-612. Includes references. (NAL Call No.: 1.9 P69P).

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0312

The effect of Vapor Guard on size and color of Elberta and Cresthaven peaches, 1979 (Peach (Prunus persica, 'Elberta' and 'Cresthaven'), growth change; growth regulator). Drake, C.R. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 36. (NAL Call No.: 464.9 AM31R).

0313

Effectiveness of various fungicides and fungicide combinations for control of peach diseases, 1982 (Monilinia fructicola, Rhizopus sp., Cladosporium carpophilum, Prunus persica). Drake, C.R. FNETD. (s.l.): The Society. Fungicide and nematocide tests : results - American Phytopathological Society. 1983. v. 38. p. 117-118. (NAL Call No.: 464.9 AM31R).

0314

Effectiveness of various fungicides for disease control of nectarines at Blacksburg during 1981 (Nectarine (Prunus persica var. nectarina 'Cherokee', 'Lafayette', Red Gold', 'Sunglo'), brown rot; Monilinia fructicola, Rhizopus rot; Rhizopus sp., scab; Cladosporium carpophilum). Drake, C.R. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 31-32. (NAL Call No.: 464.9 AM31R).

0315

Efficacy of experimental fungicides for control of brown rot and Rhizopus rot on peach, 1982 (Monilinia fructicola, Rhizopus sp., Prunus persica). Hickey, K.D. FNETD. Garretson, M.; May, J. (s.l.): The Society. Fungicide and nematocide tests : results - American Phytopathological Society. 1983. v. 38. p. 118-119. (NAL Call No.: 464.9 AM31R).

0316

Efficacy of fungicide treatments for prevention of brown rot blossom blight on peach and plum, 1982 (Monilinia fructicola on Prunus persica and Prunus domestica). Hickey, K.D. FNETD. Garretson, M.; May, J. (s.l.): The Society. Fungicide and nematocide tests : results - American Phytopathological Society. 1983. v. 38. p. 119. (NAL Call No.: 464.9 AM31R).

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Eutypa armeniaca in apricot: pathogenesis and induction of xylem soft rot. English, H. Davis, J.R. Berkeley, Calif., California Agricultural Experiment Station. Hilgardia. July 1978. v. 46 (6). p. 193-204. ill. 25 ref. (NAL Call No.: 100 C12H).

0319

Eutypa dieback of apricot and grape in California. Moller, W.J. Kasimatis, A.N.; Ramos, D.E.; English, W.H.; Bowers, K.W.; Kissler, J.J.; Rough, D.; Sanborn, R.R. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. Oct 1980. Oct 1980. (21182). 7 p. ill. (NAL Call No.: S544.3.C2C3).

0320

Evaluation of experimental fungicides for brown rot control on peaches, 1979 (Peach (Prunus persica, 'Jayhaven' and 'Sweethaven'), brown rot; Monilinia fructicola). Jones, A.L. Ehret, G.R.; Comstock, R.E. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 37. (NAL Call No.: 464.9 AM31R).

0321

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0322

Evaluation of experimental fungicides on peach, 1982 (Control of brown rot, Monilinia fructicola and scab, Cladosporium carpophilum on peaches, Prunus persica). Yoder, K.S. FNETD. Cochran, A.E. II; Warren, J.R.; Nicholls, S.A.; Polk, D.C. (s.l.): The Society. Fungicide and nematocide tests :

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0323

Evaluation of fungicides for control of peach diseases, 1979 (Peach (*Prunus persica*, 'Red Top' and 'Allred Elberta'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*).

Latham, A.J. Carlton, C.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 38. (NAL Call No.: 464.9 AM31R).

0324

Evaluation of fungicides for control of peach diseases, 1980 (Peach (*Prunus persica* 'Allred Elberta'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus* rot; *Rhizopus* spp., bacterial spot; *Xanthomonas pruni*).

Latham, A.J. Carlton, C.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1981. v. 36. p. 35. (NAL Call No.: 464.9 AM31R).

0325

Evaluation of fungicides for control of peach diseases, 1981 (Peach (*Prunus persica* 'Allred Elberta'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus* rot; *Rhizopus* sp., bacterial spot; *Xanthomonas pruni*).

Latham, A.J. Carlton, C.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 36. (NAL Call No.: 464.9 AM31R).

0326

Evaluation of fungicides for control of peach diseases, 1982 (*Monilinia fructicola*, *Cladosporium carpophilum*, *Rhizopus* sp., *Prunus persica*).

Latham, A.J. FNETD. Carlton, C.C. (s.l.): The Society. Fungicide and nematocide tests: results - American Phytopathological Society. 1983. v. 38. p. 120. (NAL Call No.: 464.9 AM31R).

0327

Evaluation of various fungicidal dips for *Rhizopus* rot control during 1981 (Peach (*Prunus persica* 'Madison'), *Rhizopus* rot; *Rhizopus* sp.).

Drake, C.R. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 35. (NAL Call No.: 464.9 AM31R).

0328

Evaluation of various fungicides for disease control on peaches at Blacksburg during 1981 (Peach (*Prunus persica* 'Cresthaven', 'Elberta', 'Jefferson', 'Madison'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp., scab; *Cladosporium carpophilum*).

Drake, C.R. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 34-35. (NAL Call No.: 464.9 AM31R).

0329

Experimental fungicides for control of fruit diseases, 1979 (Peach (*Prunus persica*, 'Blake'), scab; *Cladosporium carpophilum*, brown rot; *Monilinia fructicola*).

Zehr, E.I. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 41. (NAL Call No.: 464.9 AM31R).

0330

Experiments with new peach fungicides in 1981 (Peach (*Prunus persica* 'Redhaven'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*).

Zehr, E.I. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 41. (NAL Call No.: 464.9 AM31R).

0331

Factors affecting spore liberation by *Cladosporium carpophilum* (Peach scab, *Prunus persica*).

Gottwald, T.R. PHYTA. St. Paul: American Phytopathological Society. Phytopathology. Nov 1983. v. 73 (11). p. 1500-1505. ill. Includes references. (NAL Call No.: 464.8 P56).

0332

Field resistance of peach cultivars to gummosis disease (*Botryosphaeria dothidea*).

Daniell, J.W. Chandler, W.A. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1982. v. 17 (3). p. 375-376. 8 ref. (NAL Call No.: SB1.H6).

0333

Fruit decays of peach and apple caused by *Phomopsis mali* (Fungi, storage diseases).

Rosenberger, D.A. Burr, T.J. St. Paul, American Phytopathological Society. Plant disease. Nov 1982. v. 66 (11). p. 1073-1075. ill. 15 ref. (NAL Call No.: 1.9 P69P).

(PLANT DISEASES - FUNGAL)

0334

Fungicide evaluation for control of leaf curl on Elberta peach, 1981 (*Taphrina deformans*, *Prunus persica*).

MacSwan, I.C.FNETD. (s.l.) : The Society. Fungicide and nematocide tests : results - American Phytopathological Society. 1983. v. 38. p. 120-121. (NAL Call No.: 464.9 AM31R).

0335

Fungicide evaluation of brown rot blossom blight and fruit rot on Early Italian prune, 1981 (*Monilinia fructicola*, *Monilinia laxa*, *Monilinia* sp., *Rhizopus* sp., *Mucor* sp., *Penicillium* sp., *Prunus domestica*).

MacSwan, I.C.FNETD. Gashaira, B. (s.l.) : The Society. Fungicide and nematocide tests : results - American Phytopathological Society. 1983. v. 38. p. 123-124. (NAL Call No.: 464.9 AM31R).

0336

Fungicide evaluation of brown rot blossom blight and fruit rot on Elberta peach, 1981 (*Monilinia fructicola*, *Monilinia laxa*, *Monilinia* sp., *Prunus persica*).

MacSwan, I.C.FNETD. Gashaira, B. (s.l.) : The Society. Fungicide and nematocide tests : results - American Phytopathological Society. 1983. v. 38. p. 121. (NAL Call No.: 464.9 AM31R).

0337

Fungicide evaluation of brown rot blossom blight and fruit rot on peach, 1980 (Peach (*Prunus persica* 'Elberta'), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*).

MacSwan, I.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 36-37. (NAL Call No.: 464.9 AM31R).

0338

Fungicide evaluation of brown rot blossom blight and fruit rot on peach, 1980 (Peach (*Prunus persica* 'Elberta'), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*, fruit rot; *Monilinia* sp., *Rhizopus* sp., *Mucor* sp., and *Penicillium* sp.).

MacSwan, I.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 37. (NAL Call No.: 464.9 AM31R).

0339

Fungicide evaluation of brown rot blossom blight and fruit rot on prunes, 1978 (Prune (*Prunus domestica*, 'Early Italian'), brown rot blossom blight and fruit rot; *Monilinia fructicola* and *Monilinia laxa*).

MacSwan, I.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 42. (NAL Call No.: 464.9 AM31R).

0340

Fungicide evaluation of brown rot blossom blight and fruit rot on prunes, 1980 (Prune (*Prunus domestica* 'Early Italian'), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*, fruit rot; *Monilinia* sp., *Rhizopus* sp., *Mucor* sp., and *Penicillium* sp.).

MacSwan, I.C. Gashaira, B. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 42. (NAL Call No.: 464.9 AM31R).

0341

Fungicide evaluation of brown rot blossom blight of peach, 1978 (Peach (*Prunus persica*, 'Improved Elberta'), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*).

MacSwan, I.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 38-39. (NAL Call No.: 464.9 AM31R).

0342

Fungicide evaluation of brown rot blossom blight on peach, 1978 (Peach (*Prunus persica*, 'Improved Elberta'), brown rot blossom blight; *Monilinia fructicola* and *Monilinia laxa*).

MacSwan, I.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 38. (NAL Call No.: 464.9 AM31R).

0343

Fungicide evaluation of leaf curl on peaches, 1978 (Peach (*Prunus persica*, 'Rochester'), leaf curl; *Taphrina deformans*).

MacSwan, I.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 39. (NAL Call No.: 464.9 AM31R).

0344

**Fungicide evaluation of leaf curl on peaches, 1980 (Peach (*Prunus persica* 'Elberta'), leaf curl; *Taphrina deformans*).**

MacSwan, I.C. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 37-38. (NAL Call No.: 464.9 AM31R).

0345

**Fungicide evaluations for control of brown rot and black knot on prunes, 1979 (Prune (*Prunus domestica*, 'Grand Prize'), brown rot; *Monilinia fructicola*, black knot; *Dibotryon morbosum*).**

Rosenberger, D.A. Meyer, F.W.; Cecilia, C.V. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 42. (NAL Call No.: 464.9 AM31R).

0346

**Fungicide mixtures for control of brown rot of peach in 1981 (Peach (*Prunus persica***

**'Sunhigh'), brown rot; *Monilinia fructicola*). Zehr, E.I. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 40-41. (NAL Call No.: 464.9 AM31R).**

0347

**Fungicides for the suppression of spore production on infected twigs, 1981 (Apricot (*Prunus armeniaca*), twig blight; *Monilinia laxa*).**

Wicks, T. Volle, D. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 25. (NAL Call No.: 464.9 AM31R).

0348

**Fungus causes deterioration of dried prunes (*Rhizopus stolonifer*).**

Sholberg, P.L. CAGRA. Ogawa, J.M. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1983. v. 37 (3/4). p. 27-28. ill. (NAL Call No.: 100 C12CAG).

0349

**Incidence of brown rot and *Rhizopus* rot on peach sprayed with experimental fungicides, 1980 (Peach (*Prunus persica* 'Sunhigh'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).**

Hickey, K.D. Parish, P.J.; Garretson, M.; May, J. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1981. v. 36. p. 33.

(NAL Call No.: 464.9 AM31R).

0350

**Incidence of *Fusarium* and *Pythium* spp. in peach feeder roots as related to dibromochloropropane application for control of *Criconebella xenoplax* (South Carolina).**

Nyczepir, A.P. Lewis, S.A. St. Paul, Minn. : American Phytopathological Society. Plant disease. June 1984. v. 68 (6). p. 497-499. Includes references. (NAL Call No.: 1.9 P69P).

0351

**Influence of preplant soil fumigants on growth and survival of Delicious apple trees planted on a peach tree short life site (Nematoda, Fungi, Georgia).**

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**Inoculum sources for *Monilinia fructicola* in South Carolina peach orchards (Brown rot, *Prunus persica*, wild plum, *Prunus angustifolia*).**

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**Interaction between *Cytospora leucostoma* and host-phenolic compounds in dormant peach trees.**

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0354

**Leaf curl control with one fungicide spray at bud swell, 1975 (Peach (*Prunus persica*), leaf curl; *Taphrina deformans*).**

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0355

**Leaf curl fungicides (for control of Taphrina deformans, diseases of peach and nectarine trees).**

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**Peach fungicide trial, 1981 (Peach (*Prunus persica* 'Jefferson'), scab; *Cladosporium carpophilum*, powdery mildew; *Sphaerotheca pannosa*, *Rhizopus* rot; *Rhizopus* sp., Brown rot; *Monilinia fructicola*).**

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**Peach scab control on current season nectarine twigs during 1981 (Nectarine (*Prunus persica* var. *nectaria* 'Red Gold'), scab; *Cladosporium carpophilum*).**

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**Postharvest decay of peaches (in Georgia, fungi, fungicides).**

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**Preharvest and postharvest treatments for control of fruit decay in peaches, 1980 (Peach (*Prunus persica* 'Sunhigh'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* spp.).**

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Barrat, J.G. Martinsburg, W. Va., West Virginia Horticultural Society. The Mountaineer grower. Oct 1980. Oct 1980. (414). p. 3-4. (NAL Call No.: 80 M86).

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Larsen, H.J. Jr. Covey, R.P. Jr.; Fischer, W.R. St. Paul, Minn., American Phytopathological Society. Phytopathology. Feb 1980. v. 70 (2). p. 139-142. ill. 11 ref. (NAL Call No.: 464.8 P56).

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***Rhizopus* and brown rot control on nectarines at Blacksburg, 1979 (Nectarine (*Prunus persica* var. *nectarina*, 'Cherokee', 'Cavalier', 'Lafayette', 'Lexington', and 'Red Bud'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).**

Drake, C.R. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 34.  
(NAL Call No.: 464.9 AM31R).

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**Role of conidia of *Botryosphaeria dothidea* in the natural spread of peach tree (*Prunus persica*) gummosis (in Georgia).**

Weaver, D.J. St. Paul, American Phytopathological Society. Phytopathology. Apr 1979. v. 69 (4). p. 330-334. ill. 14 ref. (NAL Call No.: 464.8 P56).

0386

**Scab, brown rot and *Rhizopus* rot control on peaches at Blacksburg during 1980 (Peach (*Prunus persica* 'Cresthaven', 'Elberta', 'Jefferson', 'Glohaven', 'Madison', 'Monroe'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp., scab; *Cladosporium carpophilum*).**

Drake, C.R. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1981. v. 36. p. 31-32. (NAL Call No.: 464.9 AM31R).

0387

**Scab, *Rhizopus* rot and brown rot control on nectarines at Blacksburg during 1980 (Nectarine (*Prunus persica* var. *nectaria* 'Cherokee', 'Red Gold'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp., scab; *Cladosporium carpophilum*).**

Drake, C.R. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1981. v. 36. p. 30-31. (NAL Call No.: 464.9 AM31R).

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**Spraying peaches for the control of brown-rot, scab, and curculio** W.M. Scott and A.L. Quaintance. -.  
Scott, W. M. Washington, D.C. : U.S. Dept. of Agriculture, 1918. 24 p. : ill. -.

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**The spread of a powdery mildew (*Oidium* sp.) of peach.**

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0390

**Status of benomyl resistance in *Monilinia laxa* (Peaches and nectarines, blossom blight, and fruit rot).**

Canez, V.M. Jr. Ogawa, J.M. Berkeley, Calif., The Service. California plant pathology - Cooperative Extension Service, University of California. June 1982. June 1982. (57). p. 1-2. (NAL Call No.: SB599.C3).

0391

**A study of the perennial canker of peach, with emphasis on the physiology of causal organism as related to pathogenesis / by Chandrachuranand Gairola.**

Gairola, Chandrachuranand, 1941. 1969. Thesis (Ph.D.)--University of Illinois, 1969. Photocopy. Ann Arbor, Mich. : University Microfilms, 1971. vii, 70 leaves ; 21 cm. Bibliography: leaves 64-69. (NAL Call No.: DISS 70-13,321).

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Wicks, T. St. Paul, Minn., American Phytopathological Society. *Plant disease*. Nov 1981. v. 65 (11). p. 911-912. 10 ref. (NAL Call No.: 1.9 P69P).

0393

**Susceptibility and inheritance of susceptibility to peach leaf curl in peach and nectarine cultivars (Fungal plant pathogen, *Taphrina deformans*).**

Ritchie, D.F. Werner, D.J. St. Paul, Minn., American Phytopathological Society. *Plant disease*. Sept 1981. v. 65 (9). p. 731-734. ill. 11 ref. (NAL Call No.: 1.9 P69P).

0394

**Susceptibility of peach tree pruning wounds to fungal gummosis as affected by time of pruning (*Botryosphaeria dothidea*, *Prunus persica*, benomyl, captan).**

Reilly, C.C. Okie, W.R. Alexandria, Va. : American Society for Horticultural Science. *HortScience*. Apr 1984. v. 19 (2). p. 247-248. Includes references. (NAL Call No.: SB1.H6).

0395

**Tank-mix combinations of Botran and Benlate for control of brown rot, 1981 (Peach (*Prunus persica* 'Redhaven' and Loring'), brown rot; *Monilinia fructicola*).**

Ritchie, D.F. Bennett, M.H. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 39. (NAL Call No.: 464.9 AM31R).

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0397

**Trichoderma as a biological control for *Cytospora* (leucostoma) canker (of peach trees in Colorado).**

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0398

**A wound-freezing inoculation technique for evaluating resistance to *Cytospora leucostoma* in young peach trees (*Prunus persica*).**

Scorza, R. Pusey, P.L. St. Paul, Minn. : American Phytopathological Society. *Phytopathology*. May 1984. v. 74 (5). p. 569-572. Includes references. (NAL Call No.: 464.8 P56).

0399

**Wounds in peach trees (Associated with decay and production loss, West Virginia (*Prunus persica*)).**

Shigo, A.L. Wilson, C.L. St. Paul, Minn., American Phytopathological Society. *Plant disease*. Oct 1982. v. 66 (10). p. 895-897. ill. 7 ref. (NAL Call No.: 1.5 P69P).

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A 10-year evaluation of peach variety susceptibility to *Cytospora* canker and other diseases with harvest data comparisons (*Cytospora leucostoma* or *Leucostoma personii*). Luepschen, N.S. Ft. Collins, Colo., The Station. Progress report - Colorado State University Experiment Station. Jan 1981. Jan 1981. (1). 2 p. (NAL Call No.: 100 C71C).

0401

A 7-day recording volumetric spore trap (*Monilinia fructicola*, *Venturia inaequalis*, *Prunus persica*, peaches, epidemiology). Gadoury, D.M. PHYTA. MacHardy, W.E. St. Paul : American Phytopathological Society. Phytopathology. Nov 1983. v. 73 (11). p. 1526-1531. ill. Includes references. (NAL Call No.: 464.8 P56).

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0402

**Apple and peach varieties for Oklahoma (Susceptibility to bacterial leafspot).** Taylor, G. Smith, M. Stillwater. O.S.U. extension facts. Science serving agriculture Oklahoma State University. Cooperative Extension Service. Mar 1979. Mar 1979. (6210). 2 p. ill. (NAL Call No.: S544.3.0505).

0403

**Axenic culture of the bacteria associated with phony disease of peach and plum leaf scald.** Davis, M.J. French, W.J.; Schaad, N.W. New York, Springer International. Current microbiology. 1981. v. 6 (5). p. 309-314. ill. Includes 35 ref. (NAL Call No.: QR1.C78).

0404

**The bacterial spot disease of the peach and other stone fruits by John C. Dunegan.** Dunegan, John C. (John Clymer), 1898. Washington, D.C. U.S. Dept. of Agriculture 1932. 54 p., 7 leaves of plates: ill, map -. Bibliography: p. 51-53. (NAL Call No.: Fiche S-69 no.273).

0405

**Bacterial spot (Xanthomonas pruni) susceptibility in low chilling peaches.** Sherman, W.B. Lyrene, P.M. University Park, Pa., American Pomological Society. Fruit varieties journal. Apr 1981. v. 35 (2). p. 74-76. (NAL Call No.: 80 F9464).

0406

**Crown gall of peaches from Maryland, South Carolina, and Tennessee and problems with biological control (Agrobacterium tumefaciens).** Alconero, R. AR-NE. St. Paul, Minn., American Phytopathological Society. Plant disease. Sept 1980. v. 64 (9). p. 835-838. ill. 11 ref. (NAL Call No.: 1.9 P69P).

0407

**Detection of pathogenicity, measurement of virulence, and determination of strain variation in Pseudomonas syringae pv. syringae (Peaches).** Endert, E. Ritchie, D.F. St. Paul, Minn. : American Phytopathological Society. Plant disease. Aug 1984. v. 68 (8). p. 677-680. ill. Includes 18 references. (NAL Call No.: 1.9 P69P).

0408

**'Durbin' nectarine (New cultivar, resistant to Xanthomonas pruni and Monilinia fructicola).** Prince, V.E. Okie, W.R. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1981. v. 16 (3). p. 348. ill. (NAL Call No.: SB1.H6).

0409

**Effect of leaf scald disease varies among plum varieties (Rickettsia bacterium, Alabama).** Norton, J.D. HARRA. Snell, V.M.; Bryce, H.M.; Latham, A.U.; Carlton, C.C.; Short, K.C.; Griffey, W.A.; Burgess, H.E.; Starling, J.G.; Ivey, H.W. Auburn : The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Winter 1982. v. 29 (4). p. 10. (NAL Call No.: 100 AL1H).

0410

**Effect of number of bacteria on cold injury of rooted cuttings from phony-infected and uninfected peach trees (Rickettsia-like bacterium in the xylem, in central and southern Georgia).** Daniell, J.W. Krewer, G.W. Alexandria, Va. : American Society for Horticultural Science. HortScience. June 1984. v. 19 (3,sec.1). p. 423-424. ill. Includes references. (NAL Call No.: SB1.H6).

0411

**Effect of soil solarization on populations of selected soilborne microorganisms and growth of deciduous fruit tree seedlings (English walnut (Juglans regia), peach (Prunus persica) as indicator crops, soil bacteria and fungi).** Stapleton, J.J. DeVay, J.E. St. Paul, Minn., American Phytopathological Society. Phytopathology. Mar 1982. v. 72 (3). p. 323-326. Includes 22 ref. (NAL Call No.: 464.8 P56).

0412

**Effectiveness of antibiotics for control of bacterial spot (Xanthomonas pruni) of peach in southwestern Ontario.** Dhanvantari, B.N. Dirks, V.A. Ottawa, Agricultural Institute of Canada. Canadian journal of plant science. Oct 1978. v. 58 (4). p. 953-959. ill. 11 ref. (NAL Call No.: 450 C16).

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0413

**Effects of trunk injections of oxytetracycline on bacterial spot disease (*Xanthomonas pruni*) in peach trees.**

Keil, H.L. Civerolo, E.L. Beltsville, Md., Plant Science Research Division, Agricultural Research Service, U.S. Dept. of Agriculture. Plant disease reporter. Jan 1979. v. 63 (1). p. 1-5. ill. 8 ref. (NAL Call No.: 1.9 P69P).

0414

**Enzyme-linked immunosorbent assays for detection of xylem-limited bacteria: use of Trinder reagent (4-aminoantipyrine, phony peach disease).**

Saunders, M.S. AP MBA. French, W.J. Washington : American Society for Microbiology. Applied and environmental microbiology. Aug 1983. v. 46 (2). p. 344-347. Includes references. (NAL Call No.: 448.3 AP5).

0415

**Etiology of phony peach and plum leaf scald diseases (*Rickettsialike* bacteria).**

Wells, J.M. Raju, B.C.; Thompson, J.M.; Lowe, S.K. St. Paul, Minn., American Phytopathological Society. Phytopathology. Nov 1981. v. 71 (11). p. 1156-1161. ill. 25 ref. (NAL Call No.: 464.8 P56).

0416

**Evaluation of fungicides for control of peach diseases, 1981 (Peach (*Prunus persica* 'Allred Elberta'), brown rot; *Monilinia fructicola*, scab; *Cladosporium carpophilum*, *Rhizopus* rot; *Rhizopus* sp., bacterial spot; *Xanthomonas pruni*).**

Latham, A.J. Carlton, C.C. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 36. (NAL Call No.: 464.9 AM31R).

0417

**Factors affecting colonization of an orchard by leafhopper (Homoptera: Cicadellidae) vectors of peach X-disease (Connecticut).**

McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. June 15, 1982. v. 11 (3). p. 695-700. ill. Includes ref. (NAL Call No.: QL461.E532).

0418

**Fastidious prokaryotes: epidemiology of the hidden pathogens (*Mycoplasmas*, insect vectors, stone fruits, grapes, peach).**

Rosenberger, D.A. New York : Academic Press, 1982. Phytopathogenic prokaryotes / edited by M.S. Mount, G.H. Lacy. Literature review. p.

71-100. Includes references. (NAL Call No.: SB731.P55 V.2).

0419

**Geographical and seasonal occurrence, abundance, and distribution of phony peach disease vectors and vector response to age and condition of peach orchards and a disease host survey of johnsongrass for rickettsia-like bacteria in the southeastern United States.**

Yonce, C.E. GENSA. Athens : The Society. Journal of the Georgia Entomological Society. July 1983. v. 18 (3). p. 411-418. ill., maps. Includes references. (NAL Call No.: QL461.G4).

0420

**Incidence of plum leaf scald in Alabama (*Rickettsia-like* organisms).**

Latham, A.J. Norton, J.D. Auburn, Ala., The Station. Bulletin - Alabama Agricultural Experiment Station. Oct 1980. Oct 1980. (525). 15 p. ill. 11 ref. (NAL Call No.: 100 AL15 (1)).

0421

**Isolation, culture, and pathogenicity of the bacterium causing phony disease of peach (*Prunus persica*).**

Wells, J.M. PHYTA. Raju, B.C.; Nyland, G. St. Paul : American Phytopathological Society. Phytopathology. June 1983. v. 73 (6). p. 859-862. ill. Includes references. (NAL Call No.: 464.8 P56).

0422

**Leaf scald on plum shoots growing from disease-free buds (infected with rickettsialike organisms).**

Latham, A.J. Norton, J.D.; Folsom, M.W. St. Paul, Minn., American Phytopathological Society. Plant disease. Nov 1980. v. 64 (11). p. 995-996. ill. 6 ref. (NAL Call No.: 1.9 P69P).

0423

**Medium for isolation and growth of bacteria associated with plum leaf scald and phony peach diseases.**

Wells, J.M. Raju, B.C.; Nyland, G.; Lowe, S.K. Washington, D.C., American Society for Microbiology. Applied and environmental microbiology. Aug 1981. v. 42 (2). p. 357-363. ill. 23 ref. (NAL Call No.: 448.3 AP5).

0424

**Occurrence in Johnsongrass (*Sorghum halepense*) of rickettsia-like bacteria related to the phony peach disease organism (in Georgia).**  
Weaver, D.J. AR-SO. Raju, B.C.; Wells, J.M.; Lowe, S.K. St. Paul, Minn., American Phytopathological Society. Plant disease. May 1980. v. 64 (5). p. 485-487. ill. 14 ref. (NAL Call No.: 1.9 P69P).

0425

**Overwintering and survival of *Pseudomonas syringae* pv. *syringae* and symptom development in peach trees (*Prunus persica*, bacterial canker).**  
Endert, E. Ritchie, D.F. St. Paul, Minn. : American Phytopathological Society. Plant disease. June 1984. v. 68 (6). p. 468-470. Includes references. (NAL Call No.: 1.9 P69P).

0426

**Peach cultivar (Late maturing yellow freestone peach, large round firm fruit, bright red skin color, improved tolerance to common bacterial leaf spot disease).**  
Bailey, C.H. Hough, L.F. (n.p.), The Office. Plant patent - United States Patent Office. July 15, 1980. July 15, 1980. (4572). 2 p. plate. (NAL Call No.: 156.65 P69).

0427

**Peach tree short life: a complex of interacting factors (Freeze injury, *Pseudomonas syringae*).**  
Ritchie, D.F. Clayton, C.N. St. Paul, Minn., American Phytopathological Society. Plant disease. June 1981. v. 65 (6). p. 462-469. ill. 17 ref. (NAL Call No.: 1.9 P69P).

0428

**Phony peach disease (caused by a rickettsialike bacterium).**  
French, W.J. Crocker, T.E. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. National Peach Council. 1980. (39th). p. 51-56. ill. 11 ref. (NAL Call No.: SB371.N3).

0429

**Plum leaf scald: isolation, culture, and pathogenicity of the casual agent (*Prunus*, bacteria).**  
Raju, B.C. PHYTA. Wells, J.M.; Nyland, G.; Brlansky, R.H.; Lowe, S.K. St. Paul : American Phytopathological Society. Phytopathology. Nov 1982. v. 72 (11). p. 1460-1466. ill. 26 ref. (NAL Call No.: 464.8 P56).

0430

**Rating scales to assess cold injury and bacterial canker development in peach trees in the field (*Pseudomonas syringae*, Georgia).**  
Yadava, U.L. Doud, S.L.; Weaver, D.J. Alexandria, Va. : American Society for Horticultural Science. HortScience. Oct 1984. v. 19 (5). p. 645-648. ill. Includes 8 references. (NAL Call No.: SB1.H6).

0431

**Reducing bacterial canker damage in French prunes (caused by *Pseudomonas syringae*, California).**  
English, H. CAGRA. De Vay, J.E.; Schick, F.J.; Lownsbery, B.F. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. May/June 1983. v. 37 (5/6). p. 10-11. (NAL Call No.: 100 C12CAG).

0432

**Reducing populations of vector leafhoppers is a new approach to X-disease control (*Mycoplasma* disease of peaches and nectarines).**  
Lacy, G.H. CT. McClure, M.S.; Andreadis, T.G. New Haven, Connecticut Agricultural Experiment Station. Frontiers of plant science. Fall 1979. v. 32 (1). p. 2-4. ill. (NAL Call No.: 100 F92).

0433

**Rickettsia-like bacteria in peach roots preceded development of visual symptoms of phony peach disease and changes in leaf elemental concentrations (*Prunus persica*).**  
Evert, D.R. Gaines, T.P.; French, W.J. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Nov 1981. v. 106 (6). p. 780-782. Includes 12 ref (NAL Call No.: 81 S012).

0434

**Role of wild host plants in the feeding, oviposition, and dispersal of *Scaphytopius acutus* (Homoptera: Cicadellidae), a vector of peach X-disease.**  
McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. June 15, 1980. v. 9 (3). p. 283-292. ill. 19 ref. (NAL Call No.: QL461.E532).

(PLANT DISEASES - BACTERIAL)

0435

Seasonal patterns of activity of adult leafhopper vectors (*Homalodisca*, *Oncometopia*, *Graphocephala*, *Cuernia*) of phony peach disease (caused by a rickettsia-like bacterium) in north Florida.

Ball, J.C. College Park, Md., Entomological Society of America. Environmental entomology. Aug 1979. v. 8 (4). p. 686-689. ill. 8 ref. (NAL Call No.: QL461.E532).

0436

Serology and pathology of *Pseudomonas syringae* and epidemiology of the bacterial canker disease of French prune / by Jack Duane Otta.

Otta, Jack Duane. Ann Arbor, Mich. University Microfilms 1971. Thesis--University of California, Davis, 1971. Facsimile produced by microfilm-xerography. vii, 114 leaves. Includes bibliographies. (NAL Call No.: DISS 70-26,495).

0437

A specific fluorescent antibody for detection of syringomycin (a toxin produced by *Pseudomonas syringae*) in infected peach tree tissues.

Paynter, V.A. Alconero, R. St. Paul, American Phytopathological Society. Phytopathology. May 1979. v. 69 (5). p. 493-496. ill. 14 ref. (NAL Call No.: 464.8 P56).

0438

Surveys of leafhoppers (Homoptera: Cicadellidae) and pear psylla (Homoptera: Psyllidae) in pear and peach orchards and the spread of peach yellow leaf roll disease.

JEENAI. Purcell, A.H. Suslow, K.G. College Park, Md. : Entomological Society of America. Journal of economic entomology. Dec 1984. v. 77 (6). p. 1489-1494. Includes references.



# PLANT DISEASES - VIRAL

0439

**An agent associated with bee-stored pollen that degrades intact viruses.**

PHYTAJ. Cole, A. Mink, G.I. St. Paul, Minn. : American Phytopathological Society. Phytopathology. Nov 1984. v. 74 (11). p. 1320-1324. Includes 8 references.

0440

**Bioassay of clover wound tumor virus and the mycoplasma-like organisms of peach Western X and aster yellows (R.F. Whitcomb).**

Whitcomb, R. F. Washington, D.C. U.S. Dept. of Agriculture, Economic Research Service 1972. 32 p. : ill. -. Bibliography: p. 28-32. (NAL Call No.: Fiche S-69 no.1438).

0441

**Browline spreading in prunes (Virus disease, California).**

Hoy, J.W. Stockton, Ca., Diamond/Sunsweet Inc. Diamond/Sunsweet news. Feb/Nov 1980. v. 2 (1). p. 5, 22. ill. (NAL Call No.: SB401.A1D5).

0442

**Brownline of prune trees, a disease associated with tomato ringspot virus infection of Myrobalan (plum) and peach rootstocks.**

Mircetich, S.M. Hoy, J.W. St. Paul, Minn., American Phytopathological Society. Phytopathology. Jan 1981. v. 71 (1). p. 30-35. ill. 26 ref. (NAL Call No.: 464.8 P56).

0443

**The cause and control of prune brownline disease (Mechanically transmitted virus from Myrobalan and peach rootstocks, California).**

Hoy, J.W. Mircetich, J.S.M.; Bethell, R.S.; DeTar, J.E.; Holmberg, D.M. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. July/Aug 1984. v. 38 (7/8). p. 12-13. ill. (NAL Call No.: 100 C12CAG).

0444

**Clonal variability in Myzus persicae Sulz. (Homoptera, Aphididae) (Serious pest of tobacco, peach, and other crops, vector of pathogenic viruses of many plants).**

Kolesova, D.A. Kuznetsova, V.G.; Shaposhnikov, G.Kh. Silver Spring, Md., Scripta Publishing. Entomological review. July/Sept 1980. Translated from: Entomologicheskoe obozrenie, p. 514-. (421 R322). v. 59 (3). p. 21-34. Includes 2 p. ref. (NAL Call No.: 421 R322AE).

0445

**Comparison of enzyme-linked immunosorbent assay procedures for detection of tomato ringspot virus in woody and herbaceous hosts (Chenopodium quinoa, geraniums, apples, and peaches, Pelargonium X hortorum).**

Powell, C.A. St. Paul, Minn. : American Phytopathological Society. Plant disease. Oct 1984. v. 68 (10). p. 908-909. Includes 12 references. (NAL Call No.: 1.9 P69P).

0446

**Comparison of yellow holocyclic and green anholocyclic strains of Myzus persicae (Sulzer): transmission of beet western yellows virus (Green peach aphid, Washington).**

Tamaki, G. Nawrocka, B.; Fox, L.; Annis, B.; Gupta, R.K. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 234-238. Includes 15 ref. (NAL Call No.: QL461.E532).

0447

**Decline of apple, prune, and peach trees caused by a nematode-transmitted virus.**

Rosenberger, D.A. NYHSA. Gonsalves, D.; Cummins, J.N. (S.I.) : The Society. Proceedings of the ... annual meeting - New York State Horticultural Society. 1983. v. 128. p. 81-85. Includes references. (NAL Call No.: 81 N484).

0448

**Detection of Prunus necrotic ringspot and prune dwarf viruses in Prunus seed and seedlings by enzyme-linked immunosorbent assay (Results of sampling commercial nursery stock in Washington and Montana, 1981-1983).**

Mink, G.I. Aichele, M.D. St. Paul, Minn. : American Phytopathological Society. Plant disease. May 1984. v. 68 (5). p. 378-381. Includes references. (NAL Call No.: 1.9 P69P).

0449

**Detection of tomato ringspot virus in peach orchards (Prunus stem pitting, Xiphinema americanum and Xiphinema rivesi as agents of transmission, broadleaf weeds as virus reservoirs, dagger nematodes, enzyme-linked immunosorbent assay).**

Barrat, J.G. Scorza, R.; Otto, B.E. St. Paul, Minn. : American Phytopathological Society. Plant disease. Mar 1984. v. 68 (3). p. 198-200. Includes references. (NAL Call No.: 1.9 P69P).

## (PLANT DISEASES - VIRAL)

0450

**Differential transmission of Prunus tomato ringspot virus strains by Xiphinema californicum.**

Hoy, J.W. Mircetich, S.M.; Lownsbery, B.F. St. Paul : American Phytopathological Society. Phytopathology. Mar 1984. v. 74 (3). p. 332-335. ill. Includes references. (NAL Call No.: 464.8 P56).

0451

**Distribution of prune dwarf and necrotic ringspot viruses in Prunus tissues and behavior of the viruses in seeds / by El-Sayed Abdel Aziz Megahed.**

Megahed, El-Sayed Abdel Aziz, 1939. 1969. Thesis (Ph.D.)--University of Wisconsin, 1969. Photocopy. Ann Arbor, Mich. : University Microfilms, 1970. iv, 145 leaves : ill. ; 21 cm. Bibliography: leaves 135-145. (NAL Call No.: DISS 69-16,973).

0452

**Distribution of tomato ringspot virus in dandelion in Pennsylvania (Xiphinema americanum, Xiphinema rivesi, Taraxicum officinale, peach orchards).**

Powell, C.A. Mountain, W.L.; Dick, T.; Forer, L.B.; Derr, M.A.; Lathrop, L.D.; Stouffer, R.F. St. Paul, Minn. : American Phytopathological Society. Plant disease. Sept 1984. v. 68 (9) p. 796-798. Includes 9 references. (NAL Call No.: 1.9 P69P).

0453

**Effect of ribavirin on green ring mottle causal agent and necrotic ringspot virus in Prunus species (Prunus serrulata, Prunus persica, guanosine analogues, foliar sprays).**

Hansen, A.J. St. Paul, Minn. : American Phytopathological Society. Plant disease. Mar 1984. v. 68 (3). p. 216-218. ill. Includes references. (NAL Call No.: 1.9 P69P).

0454

**Green peach aphid (Myzus persicae) survey for the Hermiston-Boardman area of Oregon's Columbia Plateau (Vectors of leaf-roll virus disease of potatoes).**

Fitch, L.A. OASPA. Corvallis : The Station. Special report - Agricultural Experiment Station, Oregon State University. July 1983. July 1983. (684). p. 21-24. ill., maps. (NAL Call No.: 100 OR3M).

0455

**Iilar-like characteristics of American plum line pattern virus and its serological detection in Prunus.**

Fulton, R.W. PHYTA. St. Paul : American Phytopathological Society. Phytopathology. Oct 1982. v. 72 (10). p. 1345-1348. ill. 17 ref. (NAL Call No.: 464.8 P56).

0456

**Immunsorbent electron microscopy of detecting apple chlorotic leaf spot and plum pox viruses (Fruit trees).**

Kerlan, C. Mille, B.; Dunez, J. St. Paul, Minn., American Phytopathological Society. Phytopathology. Apr 1981. v. 71 (4). p. 400-404. ill. 19 ref. (NAL Call No.: 464.8 P56).

0457

**Incompatibility between apricot and Prunus tomentosa seedlings (Apricot cultivars used as virus indicators in the IR-2 virus-free scheme).**

Fridlund, P.R. University Park, Pa., American Pomological Society. Fruit varieties journal. July 1979. v. 33 (3). p. 90-91. ill. (NAL Call No.: 80 F9464).

0458

**Injecting trees for X-disease remission (Peaches, Michigan).**

Herr, M. East Lansing, The Society. Annual report - Michigan State Horticultural Society. 1980. 1980. (110th). p. 84-85. (NAL Call No.: 81 M58).

0459

**Manipulating orchard ground cover to reduce invasion by leafhopper vectors of peach X-disease (Connecticut).**

McClure, M.S. Andreadis, T.G.; Lacy, G.H. College Park, Md., Entomological Society of America. Journal of economic entomology. Feb 1982. v. 75 (1). p. 64-68. ill. 10 ref. (NAL Call No.: 421 J822).

0460

**Mycoplasma-like bodies associated with plum decline (leptonecrosis).**

Giunchedi, L. Marani, F. Bologna, Unione fitopatologica mediterranea. Phytopathologia mediterranea. Dec 1978. v. 17 (3). p. 205-209. ill. 11 ref. (NAL Call No.: 464.8 P565).

0461

**Orchard weeds as hosts of tomato ringspot and tobacco ringspot viruses (Apple and peach orchards, Pennsylvania, New York, Indiana).**  
Powell, C.A. Forer, L.B.; Stouffer, R.F.; Cummins, J.N.; Gonsalves, D. St. Paul, Minn. : American Phytopathological Society. Plant disease. Mar 1984. v. 68 (3). p. 242-244. Includes references. (NAL Call No.: 1.9 P69P).

0462

**Peach stem pitting (caused by a soil-borne virus): symptoms, transmission, and management.**  
Mircetich, J.S. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1979. 1979. (38th). p. 47-53. 20 ref. (NAL Call No.: SB371.N3).

0463

**Peach stunt, necrotic ringspot and sharka: symptoms and prevention.**  
Hansen, A.J. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1979. 1979. (38th). p. 85-89. (NAL Call No.: SB371.N3).

0464

**Peach yellow leaf roll epidemic in northern California: effects of peach cultivar, tree age, and proximity to pear orchards.**  
Purcell, A.H. Nyland, G.; Raju, B.C.; Heringer, M.R. St. Paul, Minn., American Phytopathological Society. Plant disease. Apr 1981. v. 65 (4). p. 365-368. ill. 17 ref. (NAL Call No.: 1.9 P69P).

0465

**Peach yellows and peach rosette by Erwin F. Smith.**  
Smith, Erwin F. Washington U.S. Dept. of Agriculture 1894. 20 p. : ill. -. (NAL Call No.: Fiche S-69 no.17).

0466

**Peach yellows and rosette (associated with mycoplasma-like organisms): a review.**  
Miller, R.W. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1979. 1979. (38th). p. 76-78. 9 ref. (NAL Call No.: SB371.N3).

0467

**Process in controlling X-disease (of peaches, Michigan).**  
Schilling, R.E. East Lansing, The Society. Annual report - Michigan State Horticultural Society. 1980. 1980. (110th). po. 86-87. (NAL Call No.: 81 M58).

0468

**Prune brownline disease: susceptibility of prune rootstocks and tomato ringspot virus detection (Prunus domestica grafted onto Myrobalan plum, Prunus cerasifera, and peach, Prunus persica, trees).**  
Hoy, J.W. Mircetich, S.M. St. Paul : American Phytopathological Society. Phytopathology. Mar 1984. v. 74 (3). p. 272-276. ill. Includes references. (NAL Call No.: 464.8 P56).

0469

**Rapid detection and serotyping of prunus necrotic ringspot virus in perennial crops (hop and plum cultivars) by enzyme-linked immunosorbent assay.**  
Barbara, D.J. Clark, M.F. London. Annals of applied biology. Dec 1978. v. 90 (3). p. 395-399. ill. 12 ref. (NAL Call No.: 442.8 AN72).

0470

**Ringspot virus of Prunus caroliniana.**  
Keim, R. Berkeley, Calif., Cooperative Extension Service, University of California. Flower and nursery report for commercial growers. Spring 1979. Spring 1979. p. 3. ill. (NAL Call No.: SB1.A1F5).

0471

**Role of wild host plants in the feeding, oviposition, and dispersal of Scaphytopius acutus (Homoptera: Cicadellidae), a vector of peach X-disease.**  
McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. Apr 15, 1980. v. 9 (2). p. 265-274. ill. Bibliography p. 273-274. (NAL Call No.: QL461.E532).

0472

**Some biological and physical properties of the nucleoprotein particles of Prunus necrotic ringspot virus and of tobacco streak virus / by Loretta Sue Loesch.**  
Loesch, Loretta Sue, 1947. 1974. Thesis (Ph.D.)--University of Wisconsin, 1974. Photocopy. Ann Arbor, Mich. : University Microfilms International, 1978. viii, 128 leaves : ill. ; 21 cm. Bibliography: leaves

(PLANT DISEASES - VIRAL)

118-128. (NAL Call No.: DISS 75-8,629).

0473

**Spatial and seasonal distributions of leafhopper (Cicadellidae) vectors of peach X-disease in Connecticut.**

McClure, M.S. College Park, Md., Entomological Society of America. Environmental entomology. Oct 1980. v. 9 (5). p. 668-672. ill. 12 ref. (NAL Call No.: QL461.E532).

0474

**Stem pitting of peach and other stone fruits.**

Janson, Blair F. Jones, Brian M.; Spilker, Oren W. & Importance and recognition in the orchard. Document available from: Ohio State University, Extension Publication Office, 2120 Fyffe Road, Columbus, Ohio 43210 1970. This publication gives information on stem pitting which is a disease that affects peach trees and other stone fruits. Illustrations are included. 5 p. : ill. (NAL Call No.: Document available from source.). (NAL Call No.: L-173).

0475

**Transmission of cauliflower mosaic virus by the green peach, turnip, cabbage, and pea aphids (*Myzus persicae*, *Hyadaphis erysimi*, *Brevicoryne brassicae*, *Acyrtosiphon pisum*).**

Namba, R. Sylvester, E.S. College Park, Md., Entomological Society of America. Journal of economic entomology. Oct 1981. v. 74 (5). p. 546-551. 17 ref. (NAL Call No.: 421 J822).

0476

**Transmission of X-disease (peach yellow leafroll) agent by the leafhoppers *Scaphytopius nitridus* and *Acinopterus angulatus* (Peaches, celery).**

Purcell, A.H. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. July 1979. v. 63 (7). p. 549-552. ill. 11 ref. (NAL Call No.: 1.9 P69P).

0477

**Vectors of phony peach (Virus disease transmitted by leafhoppers).**

Yonce, C.E. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1979. 1979. (38th). p. 79-84. ill., map. (NAL Call No.: SB371.N3).

0478

**Virus diseases reduce growth and yield of peach trees in California: progress report.**

Gerdtts, M.H. Nyland, G. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1979. (38th). p. 34-35. (NAL Call No.: SB371.N3).

0479

**Weed species hosting viruliferous green peach aphids, vector of beet western yellows virus (*Myzus persicae*, Washington).**

Tamaki, G. Fox, L. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 115-117. Includes 11 ref. (NAL Call No.: QL461.E532).

0480

**X-disease control: performance of Terramycin for symptom remission (Peaches, Michigan).**

Jones, A.L. East Lansing, The Society. Annual report - Michigan State Horticultural Society. 1980. 1980. (110th). p. 80-84. 6 ref. (NAL Call No.: 81 M58).

0481

**X-disease (thought to have been caused by virus): distribution and symptoms (in peach).**

Parish, C.L. Martinsburg, W. Va. Proceedings ... annual convention National Peach Council. 1979. 1979. (38th). p. 54-55. (NAL Call No.: SB371.N3).

0482

**Xiphinema spp. associated with tomato ringspot virus infection of Pennsylvania fruit crops (Apple, blueberry, grape, peach, raspberry).**

Forer, L.B. Stouffer, R.F. St. Paul, American Phytopathological Society. Plant disease. Aug 1982. v. 66 (8). p. 735-736. 7 ref. (NAL Call No.: 1.9 P69P).

# PLANT DISEASES - PHYSIOLOGICAL

0483

**Boron deficiency tough on plums.**

Norton, J.D. Odom, J.W.; Carlton, C.C.; Short, K.S. Auburn, The Station. Highlights of agricultural research - Alabama, Agricultural Experiment Station. Winter 1980. v. 27 (4). p. 16. (NAL Call No.: 100 AL1H).

0484

**Correction of iron chlorosis in nectarines and residual effects.**

Ruiz S, R. Sotomayor S, C.; Lemus T, G. New York ; Basel : Marcel Dekker, 1982. Iron nutrition and interactions in plants : Brigham Young University, August 12-14, 1981 / edited by S.D. Nelson ... (et al.). Abstract only. p. 915. (NAL Call No.: QK867.J67 v. 5, nos. 4-7).

0485

**Influence of magnesium concentrations in nutrient solution on growth, tissue concentration, and nutrient uptake of peach seedlings (Deficiency disorders).**

Edwards, J.H. Horton, B.D. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. July 1981. v. 106 (4). p. 401-405. ill. 12 ref. (NAL Call No.: 81 S012).

0486

**Treatments for iron chlorosis in peach trees (Prunus persica).**

Razeto, B. New York ; Basel : Marcel Dekker, 1982. Iron nutrition and interactions in plants : Brigham Young University, August 12-14, 1981 / edited by S.D. Nelson ... (et al.). p. 917-922. 8 ref. (NAL Call No.: QK867.J67 v. 5, nos. 4-7).

0487

**Trunk injection corrects iron deficiency in plum trees (Ferrous sulfate).**

Yoshikawa, F.T. Reil, W.O.; Stromberg, L.K. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1982. v. 36 (2/3). p. 13. ill. (NAL Call No.: 100 C12CAG).

0488

**An unusual mottle produced in some Prunus besseyi X Prunus salicina hybrids.**

Fridlund, P.R. University Park, Pa., American Pomological Society. Fruit varieties journal. Apr 1981. v. 35 (2). p. 63-67. ill. 10 ref. (NAL Call No.: 80 F9464).

# MISCELLANEOUS PLANT DISORDERS

0489

**The behavior of peach and pear trees under extreme drought stress.**

Proebsting, E.L. Jr. Middleton, J.E. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. American Society for Horticultural Science. May 1980. v. 105 (3). p. 380-385. ill. 5 ref. (NAL Call No.: 81 S012).

0490

**Bruising related to mechanical harvesting.**

Bilanski, W.K. Menzies, D.R. St. Joseph, Mich. : American Society of Agricultural Engineers, c1984. Fruit, nut, and vegetable harvesting mechanization : proceedings, International Symposium on Fruit ... Mechanization, Oct 5-12, 1983, Volcani Center, Bet Dagan, Israel / Institute of Agricultural Engi. p. 376-381. Includes 3 references.

0491

**Chemical bloom delay of peach (Protecting open blooms from freezing).**

Krewer, G.W. Coston, D.C.; Sims, E.T. Jr. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1984. 1984. (43rd). p. 103. (NAL Call No.: SB371.N3).

0492

**Cold hardiness of peaches and nectarines following a test winter (in southern Ontario, breeding, cold injury).**

Layne, R.E.C. University Park : American Pomological Society. Fruit varieties journal. Oct 1982. v. 36 (4). p. 90-98. 10 ref. (NAL Call No.: 80 F9464).

0493

**Comparative freezing (damage) patterns of bark and xylem of "Siberian C" and "Redhaven" peach twigs.**

Cain, D.W. AR-NC. Olien, C.R.; Andersen, R.L. New York, Academic Press. Cryobiology. Oct 1980. v. 17 (5). p. 495-499. ill. 14 ref. (NAL Call No.: QH324.C7).

0494

**Effect of number of bacteria on cold injury of rooted cuttings from phony-infected and uninfected peach trees (Rickettsia-like bacterium in the xylem, in central and southern Georgia).**

Daniell, J.W. Krewer, G.W. Alexandria, Va. : American Society for Horticultural Science. HortScience. June 1984. v. 19 (3,sec.1). p. 423-424. ill. Includes references. (NAL Call

No.: SB1.H6).

0495

**The effect of (peach) orchard heaters on air movement and temperature.**

Fox, R.D. DH-AR-NC. Brazee, R.D.; Ferree, D.C. Wooster, Ohio, The Center. Research circular - Ohio Agricultural Research and Development Center. Aug 1980. Aug 1980. (259). p. 20-24. ill. 3 ref. (NAL Call No.: 100 DH3R).

0496

**Effect of rootzone flooding on young peach trees (Root damage).**

Rom, R.C. Brown, S.A. Fort Smith, Ark., The Society. Proceedings ... annual meeting - Arkansas State Horticultural Society. 1980. 1980. (101st). p. 58-61. (NAL Call No.: 81 AR4P).

0497

**Effect of uneven maturity on the mechanical harvesting of peaches.**

Bilanski, W.K. Menzies, D.R. St. Joseph, Mich. : American Society of Agricultural Engineers, c1984. Fruit, nut, and vegetable harvesting mechanization : proceedings, International Symposium on Fruit ... Mechanization, Oct 5-12, 1983, Volcani Center, Bet Dagan, Israel / Institute of Agricultural Engi. p. 357-363. Includes 7 references.

0498

**Effects of ethephon and gibberellic acid on thinning peaches (Phytotoxicity).**

Young, E. Edgerton, L.J. Alexandria, Va., American Society for Horticultural Science. HortScience. Dec 1979. v. 14 (6). p. 713-714. ill. 10 ref. (NAL Call No.: SB1.H6).

0499

**The effects of ice nucleation-active bacteria on temperatures of ice nucleation and freeze injury of Prunus flower buds at various stages of development (Cold hardiness, supercooling, Pseudomonas syringae).**

Proebsting, E.L. Jr. Andrews, P.K. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. May 1984. v. 109 (3). p. 375-380. ill. Includes references. (NAL Call No.: 81 S012).

(MISCELLANEOUS PLANT DISORDERS)

0500

**Ethylene and ethane production and electrolyte leakage of water-stressed 'Pixy' plum leaves (Injuries, hardiness).**

Kobayashi, K. Fuchigami, L.H.; Brainerd, K.E. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 57-59. 23 ref. (NAL Call No.: SB1.H6).

0501

**The freezing of water in woody tissues of apricot and peach and the relationship to freezing injury.**

Ashworth, E.N. JOSHB. Rowse, D.J.; Billmyer, L.A. Alexandria : The Society. Journal of the American Society for Horticultural Science. Mar 1983. v. 108 (2). p. 299-303. ill. Includes references. (NAL Call No.: 81 S012).

0502

**Ice nucleation within peach trees (Prunus perisca, cold hardiness, freezing injury).**

Ashworth, E.N. Davis, G.A. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Mar 1984. v. 109 (2). p. 198-201. ill. Includes references. (NAL Call No.: 81 S012).

0503

**Injury to peach trees in Mesa County, Colorado, due to the sub-normal temperatures of December 8, 1978.**

Hatch, A.H. CO. Ft. Collins, Colo., The Station. Progress report - Colorado State University Extension Station. Colorado. Experiment Station. Mar 1980. (2). 3 p. (NAL Call No.: 100 C71C).

0504

**Leaf conductance, growth, and survival of willow and deciduous fruit tree species under flooded soil conditions (Waterlogging tolerance, Quince, apple, peach, and Pyrus species).**

Andersen, P.C. Lombard, P.B.; Westwood, M.N. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Mar 1984. v. 109 (2). p. 132-138. ill. Includes references. (NAL Call No.: 81 S012).

0505

**Low temperature injury to peach flower buds in Southwest Virginia in 1982.**

Myers, S.C. FVRJA. University Park : American Pomological Society. Fruit varieties journal. Jan 1983. Paper presented as part of the American Pomological Society Workshop

"Rootstocks: Present and Future", August 10, 1982, Iowa State University, Ames, Iowa. v. 37 (1). p. 30. (NAL Call No.: 80 F9464).

0506

**Peach thinning with surfactants and fertilizers.**

Byers, R.E. Lyons, C.G. Jr. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 83. Includes references. (NAL Call No.: SB371.N3).

0507

**Peach tree problems--prognostications (Winter injury).**

Childers, N.F. East Lansing, Mich., International Dwarf Fruit Tree Association. Compact fruit tree. May 1982. v. 15. p. 152-156. (NAL Call No.: 93.5 D96).

0508

**Peach tree response to fluctuating temperatures (Tree injury and fruit losses, southern Illinois).**

Simons, R.K. Doll, C.C. University Park, Pa. : American Pomological Society. Fruit varieties journal. Apr 1984. v. 38 (2). p. 44-50. ill. Includes references. (NAL Call No.: 80 F9464).

0509

**Peaches (Injuries).**

Ballard, J.K. Proebsting, E.L.; Tukey, R.B. Pullman, Wash., The Service. Extension bulletin - Washington State University, Cooperative Extension Service. Aug 1981. Aug 1981. (0914). 2 p. ill. (NAL Call No.: 275.29 W27P).

0510

**Physiological dwarfing of peach with mefluidide (Growth regulators, phytotoxicity).**

Arnold, C.E. Aldrich, J.H.; Cornell, J.A. Alexandria, Va., American Society for Horticultural Science. HortScience. Apr 1981. v. 16 (2). p. 170-171. ill. 6 ref. (NAL Call No.: SB1.H6).

0511

**Post harvest discoloration of peaches.**

Hudson, D.E. AR-NE. Christ, E.G. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. National Peach Council. 1980. Abstract only. 1980. (39th). p. 36. (NAL Call No.: SB371.N3).

## (MISCELLANEOUS PLANT DISORDERS)

0512

**Postharvest discoloration of peaches (*Prunus Persica* L.) (Injury).**  
Hudson, D.E. Christ, E.G. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. 1981. 1981. (40th). p. 173-186. 5 ref. (NAL Call No.: SB371.N3).

0513

**Postharvest fruit discoloration (Peaches).**  
Ridley, J.D. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. National Peach Council. 1980. 1980. (39th). p. 37-42. ill. 3 ref. (NAL Call No.: SB371.N3).

0514

**Postplant nematicides for control of ring nematodes and cold injury in peach, 1979 (Peach (*Prunus persica* 'Blake'), ring nematode; *Macroposthonia xenoplax*).**  
Zehr, E.I. Lewis, S.A. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1980. v. 35. p. 216. (NAL Call No.: 464.9 AM31R).

0515

**Rating scales to assess cold injury and bacterial canker development in peach trees in the field (*Pseudomonas syringae*, Georgia).**  
Yadava, U.L. Doud, S.L.; Weaver, D.J. Alexandria, Va. : American Society for Horticultural Science. HortScience. Oct 1984. v. 19 (5). p. 645-648. ill. Includes 8 references. (NAL Call No.: SB1.H6).

0516

**Relationship of deep supercooling and dehydration resistance to freezing injury in dormant stem tissues of "Starkrimson Delicious" apple and "Siberian C" peach.**  
Quamme, H.A. Chen, P.M.; Gusta, L.V. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Mar 1982. v. 107 (2). p. 299-304. Includes 16 ref. (NAL Call No.: 81 S012).

0517

**Third year response of Bearing Loring peaches to nematode control with fenamiphos.**  
Adams, R.E. Martinsburg, W. Va., West Virginia Horticultural Society. The Mountaineer grower. Feb 1981. Feb 1981. (418). p. 10, 12. (NAL Call No.: 80 M86).

0518

**Toxicity of glyphosate to peach trees as influenced by application timing (Injury).**  
Weller, S.C.HJHSA. Skroch, W.A. Alexandria : American Society for Horticultural Science. HortScience. Dec 1983. v. 18 (6,sec.1). p. 940-941. Includes references. (NAL Call No.: SB1.H6).

0519

**Winter injury of peaches.**  
Springer, J.K. Martinsburg, W. Va., West Virginia Horticultural Society. The Mountaineer grower. June 1980. June 1980. (410). p. 3-4. (NAL Call No.: 80 M86).

0520

**Wounds in peach trees (Associated with decay and production loss, West Virginia (*Prunus persica*)).**  
Shigo, A.L. Wilson, C.L. St. Paul, Minn., American Phytopathological Society. Plant disease. Oct 1982. v. 66 (10). p. 895-897. ill. 7 ref. (NAL Call No.: 1.9 P69P).



# PROTECTION OF PLANT PRODUCTS - GENERAL AND MISC.

0521

**Brown rot and Rhizopus rot control by postharvest fungicide dip treatments of peaches and nectarines, 1981 (Peach (*Prunus persica* 'Harken', 'Redhaven', 'Cresthaven'), nectarine (*Prunus persica* var. *nectarina* 'Sunglo'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).**

Tepper, B.L. Yoder, K.S.; Hardesty, K.T. (s.l.). The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1982. v. 37. p. 40. (NAL Call No.: 464.9 AM31R).

0522

**Brown rot and Rhizopus rot control by postharvest fungicide dip treatments on peaches and nectarines, 1980 (Peach (*Prunus persica* 'Red haven', 'Harken', 'Hamony', 'Biscoe'), nectarine (*Prunus persica* var. *nectarina*, 'Sunglo'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.).**

Tepper, B.L. Yoder, K.S.; Nicholls, S.A. (s.l.). The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 37-38. (NAL Call No.: 464.9 AM31R).

0523

**Brown rot and Rhizopus rot incidence on fruit dipped with postharvest fungicide treatments, 1982 (*Monilinia fructicola*, *Rhizopus* sp., peaches, *Prunus persica*).**

Hickey, K.D.FNETD. Parish, P.J.; May, J.; Garretson, M. (s.l.). The Society. Fungicide and nematicide tests : results - American Phytopathological Society. 1983. v. 38. p. 119-120. (NAL Call No.: 464.9 AM31R).

0524

**Changes in peaches after hot-water treatment (Postharvest treatment for rot).**

Phillips, D.J. Austin, R.K. St. Paul, Minn., American Phytopathological Society. Plant disease. June 1982. v. 66 (6). p. 487-488. Includes 13 ref. (NAL Call No.: 1.9 P69P).

0525

**Chemical inactivation of the heat-tolerant pectolytic enzymes (of fungal origin) in raw apricots which cause softening of the canned product.**

Sommer, N.F. Buchanan, J.R. St. Joseph, Mich. Journal American Society for Horticultural Science. Nov 1978. v. 103 (6). p. 762-767. ill. 12 ref. (NAL Call No.: 81 S012).

0526

**Description and postharvest physiology of some slow-ripening nectarine genotypes (Resistance to low temperature breakdown, ethylene production).**

Brecht, J.K. Kader, A.A.; Rammig, D.W. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Sept 1984. v. 109 (5). p. 596-600. ill. Includes 10 references. (NAL Call No.: 81 S012).

0527

**Effects of gibberellic acid and ethephon on enzymatic browning of 'Redhaven' peaches.**

Paulson, A.T. Vanderstoep, J.; Eaton, G.W. Alexandria, Va., American Society for Horticultural Science. HortScience. Dec 1979. v. 14 (6). p. 711-713. ill. 18 ref. (NAL Call No.: SB1.H6).

0528

**Evaluating the browning potential of peaches (Total amount of phenolic compounds level of activity of polyphenol oxidase enzyme, *Prunus persica*, bruising).**

Kader, A.A. Chordas, A. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1984. v. 38 (3/4). p. 14-15. ill. (NAL Call No.: 100 C12CAG).

0529

**Fruit decays of peach and apple caused by *Phomopsis mali* (Fungi, storage diseases).**

Rosenberger, D.A. Burr, T.J. St. Paul, American Phytopathological Society. Plant disease. Nov 1982. v. 66 (11). p. 1073-1075. ill. 15 ref. (NAL Call No.: 1.9 P69P).

0530

**Fungus causes deterioration of dried prunes (*Rhizopus stolonifer*).**

Sholberg, P.L. CAGRA. Ogawa, J.M. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1983. v. 37 (3/4). p. 27-28. ill. (NAL Call No.: 100 C12CAG).

0531

**Giving peaches a new lease on shelf life.**

AGREA. McBride, J. Washington, D.C. : The Administration. Agricultural research - U.S. Department of Agriculture, Agricultural Research Service. Sept 1984. v. 32 (12). p. 12-13. ill.

(PROTECTION OF PLANT PRODUCTS - GENERAL AND MISC.)

0532

Incidence of brown rot and *Rhizopus* rot on peach dipped with postharvest fungicide treatments, 1981 (Peach (*Prunus persica* 'Loring', 'Rio-Oso-Gem'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.). Hickey, K.D. Parish, P.J.; Garretson, M.; May, J. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 36. (NAL Call No.: 464.9 AM31R).

0533

Microbial assessment of pasteurized-refrigerated peach halves in transparent pouches. Bates, R.P. Alcantara, L. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 114-117. ill. 13 ref. (NAL Call No.: 81 F66).

0534

Postharvest biological control of stone fruit brown rot by *Bacillus subtilis* (*Monilinia fructicola*, peaches, nectarines, apricots, plums). Pusey, P.L. Wilson, C.L. St. Paul, Minn. : American Phytopathological Society. Plant disease. Sept 1984. v. 68 (9). p. 753-756. ill. Includes 21 references. (NAL Call No.: 1.9 P69P).

0535

Postharvest brown and transit rot control by Ronilan, 1980 (Peach (*Prunus persica* 'Dripstone Elberta'), brown rot; *Sclerotinia fructicola*, transit rot; *Rhizopus* sp.). Koffman, W. Roberts, E. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1981. v. 36. p. 34-35. (NAL Call No.: 464.9 AM31R).

0536

Postharvest control of brown rot and *Rhizopus* rot on plum, 1981 (Plum (*Prunus domestica* 'Stanley'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.). Burton, C.L. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 41-42. (NAL Call No.: 464.9 AM31R).

0537

Postharvest control of brown rot of peach, 1981 (Peach (*Prunus persica*, 'Redskin'), brown rot; *Monilinia fructicola*). Conway, W.S. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 33-34. (NAL Call No.: 464.9 AM31R).

0538

Postharvest control of brown rot on peach, 1980 (Peach (*Prunus persica* 'Rio Oso Gem'), brown rot; *Monilinia fructicola*). Conway, W.S. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1981. v. 36. p. 31. (NAL Call No.: 464.9 AM31R).

0539

Postharvest control of *Rhizopus* rot on peach, 1981 (Peach (*Prunus persica* 'Redhaven'), *Rhizopus* rot; *Rhizopus* sp.). Burton, C.L. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 32. (NAL Call No.: 464.9 AM31R).

0540

Postharvest discoloration of peaches (*Prunus Persica* L.) (Injury). Hudson, D.E. Christ, E.G. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. 1981. 1981. (40th). p. 173-186. 5 ref. (NAL Call No.: SB371.N3).

0541

Postharvest treatment with triforine for control of peach fruit decay, 1979 (Peach (*Prunus persica*, 'Blake'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* sp.). Zehr, E.I. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 41. (NAL Call No.: 464.9 AM31R).

0542

Preharvest and postharvest treatments for control of fruit decay in peaches, 1980 (Peach (*Prunus persica* 'Sunhigh'), brown rot; *Monilinia fructicola*, *Rhizopus* rot; *Rhizopus* spp.). Zehr, E.I. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1981. v. 36. p. 37. (NAL Call No.: 464.9 AM31R).

0543

**Prochloraz efficacy against postharvest brown rot of peaches, 1980 (Peach (*Prunus persica* 'J. H. Hale'), brown rot; *Sclerotinia fructicola*).**  
Koffman, W. Roberts, E. (s.l.), The Society. Fungicide and nematicide tests; results - American Phytopathological Society. 1981. v. 36. p. 34. (NAL Call No.: 464.9 AM31R).

0544

**Quality and postharvest behavior of once-over harvested clingstone peaches treated with daminozide.**  
Morris, J.R. Ray, L.D. St. Joseph, Mich. Journal American Society for Horticultural Science. Nov 1978. v. 103 (6). p. 716-722. ill. 23 ref. (NAL Call No.: 81 S012).

0545

**The relation of leaf area to the size and quality of 'Santa Rosa' plum (Chemical composition and dessert quality).**  
Mishra, K.A. Calcutta. Food farming and agriculture. Nov 1978. v. 10 (5). p. 161-162. ill. 4 ref. (NAL Call No.: S19.F63).

0546

**Relation of postharvest decay fungi to the slip-skin disorder of dried French prunes (*Prunus domestica*).**  
Sholberg, P.L. PHYTA. Ogawa, J.M. St. Paul : American Phytopathological Society. Phytopathology. May 1983. v. 73 (5). p. 708-713. ill. Includes references. (NAL Call No.: 464.8 P56).

0547

**Sensory, compositional, and volatile attributes of controlled atmosphere stored peaches.**  
Watada, A.E. Anderson, R.E. Mount Vernon, Va., The Society. Journal American Society for Horticultural Science. Sept 1979. v. 104 (5). p. 626-629. ill. 4 ref. (NAL Call No.: 81 S012).

# PROTECTION OF PLANT PRODUCTS - INSECTS

0548

Commercial-scale vacuum fumigation with ethyl formate for postharvest control of the green peach aphid (Homoptera: Aphididae) on film-wrapped lettuce (*Myzus persicae*).

Stewart, J.K. Mon, T.R. College Park, Md. : Entomological Society of America. Journal of economic entomology. June 1984. v. 77 (3). p. 569-573. Includes references. (NAL Call No.: 421 J822).

0549

Methyl bromide fumigation treatments at 30 degrees Celsius for California stonefruits infested with the Mediterranean fruit fly (Diptera:Tephritidae) (*Ceratitis capitata*, apricots, nectarines, peaches, and plums).

Armstrong, J.W. Couey, H.M. College Park, Md. : Entomological Society of America. Journal of economic entomology. Oct 1984. v. 77 (5). p. 1229-1232. Includes 10 references. (NAL Call No.: 421 J822).

# WEEDS

0550

**Chemical weed control on a peach high density planting: preliminary observations.**  
Scalabrelli, G. Gent.  
MededelingerRijksfaculteit  
Landbouwwetenschappen. 1978. v. 43 (2.pt.2). p. 1161-1166. ill. 3 ref. (NAL Call No.: 105.1 G344).

0551

**Distribution of tomato ringspot virus in dandelion in Pennsylvania (Xiphinema americanum, Xiphinema rivesi, Taraxicum officinale, peach orchards).**  
Powell, C.A. Mountain, W.L.; Dick, T.; Forer, L.B.; Derr, M.A.; Lathrop, L.D.; Stouffer, R.F. St. Paul, Minn. : American Phytopathological Society. Plant disease. Sept 1984. v. 68 (9). p. 796-798. Includes 9 references. (NAL Call No.: 1.9 P69P).

0552

**Effect of orchard weed management on catfacing damage to peaches in North Carolina.**  
JEENAI. Killian, J.C. Meyer, J.R. College Park, Md. : Entomological Society of America. Journal of economic entomology. Dec 1984. v. 77 (6). p. 1596-1600. Includes references.

0553

**Effect of weed control on the winterhardiness of the bark and wood of young peach trees.**  
Marriage, P.B. Quamme, H.A. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1980. v. 15 (3). p. 290-291. 9 ref. (NAL Call No.: SB1.H6).

0554

**Effects of glyphosate on peach tree growth and fruiting (Herbicides, weed control, Florida).**  
Aldrich, J.H. Arnold, C.E. Alexandria, Va. : American Society for Horticultural Science. HortScience. Aug 1984. v. 19 (4). p. 540-542. Includes 20 references. (NAL Call No.: SB1.H6).

0555

**Field evaluation of herbicides in tree fruits, 1978 (Peaches).**  
Rom, R.C. Arrington, G. Fayetteville.  
Mimeograph seriesArkansas. Agricultural Experiment Station. May 1979. May 1979. (270). 17 p. (NAL Call No.: 100 AR42M).

0556

**Growth, survival, and weed control in peaches receiving repeated herbicide applications.**  
Coffey, D.L. Lockwood, D.W. Knoxville, The Station. Tennessee farm and home science - Tennessee Agricultural Experiment Station. Jan/Mar 1981. Jan/Mar 1981. (117). p. 17-19. ill. 3 ref. (NAL Call No.: 100 T25F).

0557

**Herbicidal effects on peach seedling growth and weed control.**  
Arnold, C.E. Aldrich, J.H. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1980. v. 15 (3). p. 293-294. 5 ref. (NAL Call No.: SB1.H6).

0558

**Herbicides for peach orchards.**  
Rom, R.C. Motichak, G.R.; Arrington, E.H. Fayetteville, Ark. : Arkansas State Horticultural Society. Proceedings of the ... annual meeting - Arkansas State Horticultural Society. 1983. 1983. (104th). p. 97-100. (NAL Call No.: SB21.A7A7).

0559

**A high-performance sprayer for application of postemergence herbicides in peaches (without spray contact to tree foliage, weed control with less injury to trees than that caused by glyphosate applied with a conventional unshielded sprayer).**  
Daniell, J.W. Ghatge, S.R. St. Joseph, Mich. : The Society. Transactions of the ASAE - American Society of Agricultural Engineers. Jan/Feb 1984. v. 27 (1). p. 54-56. ill. Includes references. (NAL Call No.: 290.9 AM32T).

0560

**Minimum tillage techniques for establishing shrubs in clump plantings (Wild plum (Prunus americana) and Hansen rose (Rosa sp.), Colorado, wildlife habitat development).**  
Snyder, W.D. Fort Collins : The Division. Special report - Colorado Division of Wildlife. Sept 1982. Sept 1982. (53). 17 p. ill., map. 10 ref. (NAL Call No.: SK375.C6).

0561

**Occurrence in Johnsongrass (Sorghum halepense) of rickettsia-like bacteria related to the phony peach disease organism (in Georgia).**  
Weaver, D.J. AR-S0. Raju, B.C.; Wells, J.M.; Lowe, S.K. St. Paul, Minn., American Phytopathological Society. Plant disease. May 1980. v. 64 (5). p. 485-487. ill. 14 ref. (NAL

(WEEDS)

Call No.: 1.9 P69P).

0562

**Oryzalin alone and in combination for culture of fruit trees (Peaches, herbicides).**

Young, R.S. Welker, W.V. Beltsville, Md., The Society. Proceedings - annual meeting of the Northeastern Weed Science Society. Northeastern Weed Science Society. p. 138-140. 5 ref. (NAL Call No.: 79.9 N814).

0563

**Peach and nectarine spray guide (Fungicides, insecticides, bactericides, acaricides, herbicides).**

Ritchie, D.F. Sorensen, K.A.; Meyer, J.R.; Skroch, W.A. Raleigh : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Jan 1983. Jan 1983. (146suppl., rev.). 13 p. (NAL Call No.: S544.3.N6N62).

0564

**Peach orchard floor management (Weed control, herbicide systems).**

Welker, W.V. College Park : Maryland State Horticultural Society. Maryland fruit grower. 1983. 1983. (suppl.). p. 51-53. (NAL Call No.: 80 M36).

0565

**Peach orchard ground cover management: an update (Weed control).**

Skroch, W.A. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 69-70. (NAL Call No.: SB371.N3).

0566

**Screening herbicides for use on peach seedbeds.**

Kuhns, L.J. Haramaki, C.; Thompson, V.D. Beltsville, Md., The Society. Proceedings - annual meeting of the Northeastern Weed Science Society. Northeastern Weed Science Society. p. 186-189. p. 186-189. (NAL Call No.: 79.9 N814).

0567

**Solicam: a new herbicide for use in peach orchards.**

Blythe, T.O. Clark, G.M.; Ummel, E. Fayetteville : Arkansas State Horticultural Society. Proceedings of the ... annual meeting - Arkansas State Horticultural Society. 1982. 1982. (103rd). p. 42-45. (NAL Call No.: SB21.A7A7).

0568

**The use of surflan for weed control in peaches.** Cockreham, S.D. Fayetteville : Arkansas State Horticultural Society. Proceedings of the ... annual meeting - Arkansas State Horticultural Society. 1982. 1982. (103rd). p. 45-47. (NAL Call No.: SB21.A7A7).

0569

**Weed control in immature pecan (*Carya illinoensis*) and peach (*Prunus persica*) plantings.**

Arnold, C.E. Aldrich, J.H. Champaign, Ill., Weed Science Society of America. Weed science. Nov 1979. v. 27 (6). p. 638-641. ill. 10 ref. (NAL Call No.: 79.8 W41).

0570

**Weed control in peach and nectarine orchards.**

Lange, A. Fischer, B.; Elmore, C. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. July 1981. July 1981. (21193). 18 p. (NAL Call No.: S544.3.C2C3).

0571

**Weed control with oryzalin (SurflanR) in pecan and nectarine orchards.**

Arnold, C.E. Aldrich, J.H. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 267-270. 5 ref. (NAL Call No.: B1 F66).

0572

**Weed species hosting viruliferous green peach aphids, vector of beet western yellows virus (*Myzus persicae*, Washington).**

Tamaki, G. Fox, L. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 115-117. Includes 11 ref. (NAL Call No.: QL461.E532).

# PESTICIDES - GENERAL

0573

**Dibromochloropropane residues in peaches following fall orchard fumigation (DBCP).**  
Carter, G.E. Jr., Riley, M.B. Washington, D.C. : American Chemical Society. Journal of agricultural and food chemistry. Mar/Apr 1984. v. 32 (2). p. 186-187. Includes references. (NAL Call No.: 381 J8223).

0574

**The effect of temperature on the rate of development of *Aphidius matricariae* Haliday (Hymenoptera: Aphidiidae) (Endoparasite of the green peach aphid, *Myzus persicae*).**  
Giri, M.K.TKASA. Pass, B.C.; Yeargan, K.V. Louisville : The Academy. Transactions of the Kentucky Academy of Science. Sept 1983. v. 44 (3/4). p. 145-147. Includes references. (NAL Call No.: 500 K41).

0575

**Effect of Vapor Guard on size, color and market quality of three cultivars on peaches, 1980 (Peach (*Prunus persica* 'Elberta', 'Cresthaven', 'Madison'), growth change; growth regulator, antitranspirants).**  
Drake, C.R. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1981. v. 36. p. 32. (NAL Call No.: 464.9 AM31R).

0576

**Effects of nematicides, lime, and herbicide on peach tree short life in Georgia (*Macroposthonia xenoplax*, nematodes).**  
Wehant, E.J. AR-SO. Horton, B.D.; Prince, V.E. Ames, Iowa, Society of Nematologists. Journal of nematology. July 1980. v. 12 (3). p. 183-189. 25 ref. (NAL Call No.: QL391.N4J62).

0577

**A gas chromatographic determination of permethrin isomers on peach foliage.**  
Chiba, M. New York, Marcel Dekker. Journal of environmental science and health. Part B: Pesticides, food contaminants, and agricultural wastes. 1978. v. B13 (3). p. 261-268. ill. 8 ref. (NAL Call No.: TD172.J61).

0578

**Incidence of cis-4-cyclohexene-1,2-dicarboximide in fruit crops treated with captan (Peaches, fungicides).**  
Cairns, T.BECTA. Siegmund, E.G.; Doose, G.M. New York : Springer-Verlag. Bulletin of environmental contamination and toxicology. Jan 1983. v. 30 (1). p. 117-121. 5 ref. (NAL Call

No.: RA1270.P35A1).

0579

**Influence of simulated rains on phosmet residues and oriental fruit moth (*Lepidoptera: Tortricidae*) control on peach (*Grapholitha molesta*).**  
Pree, D.J. Menzies, D.R.; Braun, H.E.; Fisher, R.W. College Park, Md. : Entomological Society of America. Journal of economic entomology. Apr 1984. v. 77 (2). p. 483-486. Includes references. (NAL Call No.: 421 J822).

0580

**Paradichlorobenzene experiments in the South for peach-borer control by Oliver I. Snapp.**  
Snapp, Oliver I. Washington, D.C. U.S. Dept. of Agriculture 1928. 40 p. : ill. -. Includes bibliographical references. (NAL Call No.: Fiche S-69 no.58).

0581

**Peach and nectarine spray guide (Pesticide application).**  
Ritchie, D.F. Sorensen, K.A.; Meyer, J.R.; Skroch, W.A. Raleigh, N.C. : The Service. AG - North Carolina Agricultural Extension Service, North Carolina State University. Jan 1984. Jan 1984. (146,suppl.,rev.). p. 15 p. (NAL Call No.: S544.3.N6N62).

0582

**Petroleum oil and oil emulsion as insecticides, and their use against the San Jose scale on peach trees in the South by H.S. Swingle and Oliver I. Snapp.**  
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